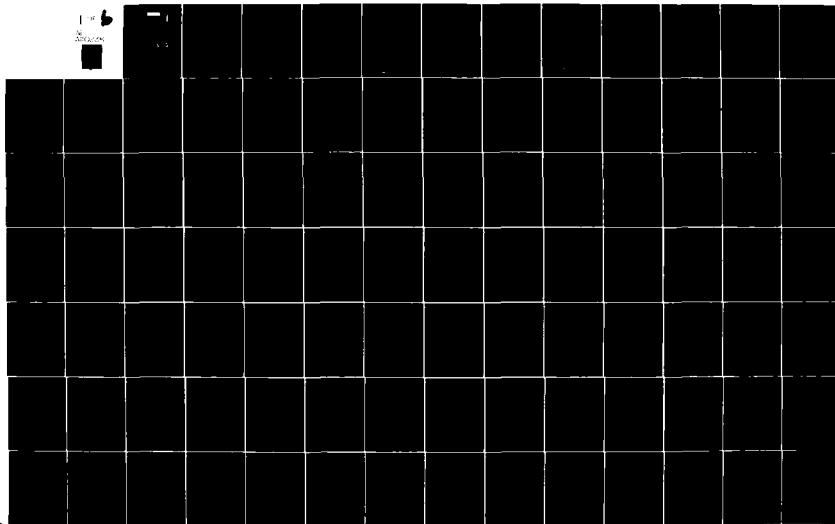
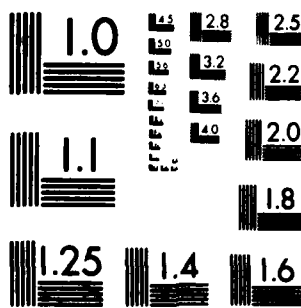


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ANDREWS AFB, WASHINGTON DC REVISED UNIFORM SUMMARY OF SURFACE W--ETC(U)
OCT 81
UNCLASSIFIED USAFETAC/OS-81/093 S81-AD-E850 121 NL



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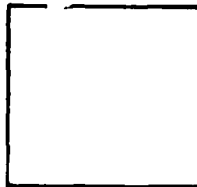
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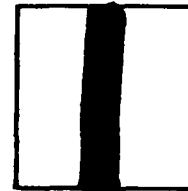
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AD-E850 121

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

ANDREWS AFB MD WBAN #13705
N 38 49 W 076 52 FLD ELEV 279 FT ADW WMO #74594

PARTS A-F

FOR FROM HOURLY OBS: JUN 69 - DEC 70, JAN 73 - MAY 81

FOR FROM DAILY OBS: JUN 43 - MAY 81

TIME CONVERSION GMT TO LST: -5

AFB SCOTT AFB, IL 08220
19 OCT 1981

OCT 15 1981

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
1. REPORT NUMBER USAFETAC/DS- 81/093	2. GOVT ACCESSION NO. AD-A110 238	3. RECIPIENT'S CATALOG NUMBER															
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Andrews AFB, Washington DC (MARYLAND)		5. TYPE OF REPORT & PERIOD COVERED Final rept.															
7. AUTHOR(s)		6. PERFORMING ORG. REPORT NUMBER															
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16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.																	
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18. SUPPLEMENTARY NOTES																	
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperature</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperature	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative humidity	*Climatological data	(over)
*RUSSWO	Daily temperature	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) <p>This report is a six-part statistical summary of surface weather observations for Andrews AFB, Washington DC, (MARYLAND)</p> <p>It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over))</p>																	

DD FORM 1 JAN 73 1473

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13. Percentqge frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

★ Maryland

★

20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

UNCLASSIFIED

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

This section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Service and those foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV - (DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0300, 0300-0600, 0600-0900, 0900-1200, 1200-1500, 1500-1800, 1800-2100, 2100-2400 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV. (FT.)	CALL SIGN	WMO NUMBER
13705	Andrews AFB WASHINGTON DC	N 38 49	W 076 52	279	ADW	74594

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE NSL		OBS PER DAY
			FROM	TO			FIELD (FT)	MT. BARO.	
1	Camp Springs AAF, Washington, DC	AAF	Jun 43	Feb 44	N 38 41	W 076 53	279	282	24
2	Andrews Field Washington, DC	AAF	Mar 44	Dec 47	N 38 49	Same	Same	Same	24
3	Andrews AFB/Camp Springs, MD	AFB	Jan 48	May 54	Same	Same	Same	Same	24
4	Same	Same	Jun 54	Oct 61	Same	W 076 51	Same	Same	24
5	Same	Same	Nov 61	Jul 72	Same	Same	Same	Same	24
6	Same	Same	Aug 72	Aug 78	Same	Same	Same	Same	24
7	Same	Same	Sep 78	Aug 81	Same	W 076 52	Same	275	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION			REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	
1	Jun 43	Located on W side of hangar.	Anemometer	N/A	N/A
2	Mar 44	Located on top of hangar.	Selsyn	ML-144B	50 ft
3	Jan 48	Located on top of hangar, 1320 ft N of station.	Same	Same	Same
4	Apr 55	Same	Same	Same	60 ft
5	Sep 56	1. Located on top of hangar, 200 ft from weather station. 2. Located at remote ROS on top of control tower cab, 1 1/4 miles from weather station.	Same	Same	68 ft
			AN/GMQ-1	ML-204B	110 ft
6	Mar 59	1. Located on top of hangar, 1600 ft from Base Weather Station. 2. Same	Same	Same	Same
			Same		Same

USAFETAC FORM NOV 73 0-19 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

CONTINUED ON REVERSE SIDE

NO. OF ACTION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT. ABOVE GROUND	
7	Nov 61	1. Located on surface 450 ft NW of WOSB.	Same	Same	12 ft	
		2. Located in center between parallel runways 01 L&R and 19 L&R on southern sector of the Base.	AN/GMQ-11	RO-2	13 ft	
8	Mar 63	1. Located in center between parallel runways 01 L&R and 19 L&R 300 ft S of N end of runways.	Same	Same	Same	
		2. Located in center between parallel runways 01L7R and L9 L&R 300 ft N of S end of runways.	Same		Same	
9	Mar 66	1. Same 1500 ft S of N end of runways.	Same	Same	Same	
		2. Same 1500 ft N of S end of runways.	Same		Same	
0	Mar 69	1. Same	Same	RO-362	Same	
		2. Same	Same		Same	
1	Jul 70	1. Located 540 ft E of centerline, 1203 ft from end of runway 19R.	AN/GMQ-20	Same	Same	
		2. Located 807 ft W of centerline 1414 ft from end of runway 01R.	Same		Same	

68-0075

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WEAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13705

ANDREWS AFB MD

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02		9.2	1.2	4.7		14.3	14.8	2.3	.5		16.9	930
	03-05		8.7	.8	4.8		13.9	15.6	3.0	.1		17.0	930
	06-08		8.3	.9	5.4		14.0	19.6	6.5			22.9	930
	09-11		7.8	1.5	6.9		15.5	17.3	11.4	.2		26.7	930
	12-14		7.7	1.0	7.2		14.1	14.6	9.4	.2		24.8	930
	15-17	.1	8.4	.9	5.5	.1	14.3	13.2	8.9	.2		22.3	930
	18-20	.1	8.4	.4	4.7		13.3	12.4	4.8	.3		16.9	930
	21-23		7.4	.8	3.8		11.7	12.0	2.6	.2		14.1	930
TOTALS		.0	8.2	.9	5.4	.0	14.0	14.7	6.1	.2		19.9	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13705

ANDREWS AFB MD

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02		6.6	1.3	2.7		9.9	14.5	3.9	.5		17.5	846
	03-05		7.2	1.5	2.6		11.2	16.2	5.1	.8		20.6	846
	06-08		6.5	1.5	3.1		10.6	17.8	7.4	.4		24.0	846
	09-11		7.9	1.1	5.4		13.7	16.8	16.4	.7		25.3	846
	12-14		7.8	.8	4.3		12.4	11.7	10.3	.4		20.8	846
	15-17	.1	7.9	.7	5.0		13.5	10.2	10.8	.6		19.4	846
	18-20		8.2	.4	5.3		13.8	11.5	6.5	.6		17.4	846
	21-23		7.3	.1	4.8		12.2	12.1	2.8	.9		15.5	846
TOTALS		.0	7.4	.9	4.1		12.2	13.9	7.2	.6		20.0	6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13705

ANDREWS AFB MD

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		11.2	.1	1.7		12.7	14.3	2.8			16.2	930
	03-05		12.4	.2	2.5	.1	14.6	18.8	1.5			19.7	930
	06-08	.1	14.7		3.1	.2	17.5	23.8	8.9			29.2	930
	09-11		13.2	.3	2.6	.1	15.9	16.5	11.9	.1		26.0	930
	12-14	.2	12.0	.3	2.0		14.1	12.3	8.7			19.4	930
	15-17	.6	10.2	.4	1.9		12.2	10.4	7.8			16.7	930
	18-20	.3	10.9	.2	2.3	.1	12.7	10.1	6.3			15.7	930
	21-23	.4	10.5	.3	1.7	.1	11.9	12.4	3.5			14.8	930
TOTALS		.2	11.9	.2	2.2	.1	14.0	14.8	6.4	.0		19.7	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13705
STATION

ANDREWS AFB MD
STATION NAME

70,73-81
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.4	9.7				9.7	11.4	3.0			13.8	900
	03-05	.3	10.1				10.1	13.1	3.7			15.9	900
	06-08	.2	12.8				12.8	18.8	12.8			28.1	900
	09-11	.1	12.2		.2	.1	12.4	10.3	9.6			18.7	900
	12-14	.6	11.1		.2		11.3	8.0	7.4			14.1	900
	15-17	.6	8.8			.1	8.8	6.9	8.3			13.7	900
	18-20	1.3	10.2		.2		10.3	7.2	6.6			12.8	900
	21-23	1.0	10.3				10.3	9.1	4.3			11.9	900
TOTALS		.6	10.7		.1	.0	10.7	10.5	7.0			16.1	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13705

ANDREWS AFB MD

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	.5	11.6				11.6	21.8	12.0			29.5	930
	03-05		12.5				12.5	31.1	13.8			38.1	930
	06-08	.1	12.4				12.4	32.8	25.3			47.8	930
	09-11	.4	11.7				11.7	14.0	24.5			34.3	930
	12-14	1.5	9.9			.1	9.9	8.5	19.4			25.7	930
	15-17	3.0	12.3				12.3	6.9	18.8			24.6	930
	18-20	1.9	11.0				11.0	10.6	18.9			26.1	928
	21-23	1.9	11.1				11.1	16.4	14.6			25.7	927
TOTALS		1.2	11.6			.0	11.6	17.8	18.4			31.5	7435

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13705
STATION

ANDREWS AFB MD
STATION NAME

69-70,73-80
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	1.3	6.1				6.1	15.4	20.8			30.0	900
	03-05	1.2	6.3				6.3	27.6	21.7			38.3	900
	06-08		5.4				5.4	27.3	36.3			49.7	900
	09-11	.1	4.4				4.4	8.2	32.4			37.1	900
	12-14	1.2	5.8				5.8	3.6	27.7			30.2	900
	15-17	2.8	6.7				6.7	3.3	27.3			29.0	900
	18-20	4.4	7.3				7.3	5.8	29.8			32.4	900
	21-23	3.2	5.3				5.3	9.1	24.4			29.3	900
TOTALS		1.8	5.9				5.9	12.5	27.6			34.5	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13705

ANDREWS AFB MD

69-70,73-80

JUL
MONTH

STATION

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	.6	5.4				5.4	21.0	37.7			46.6	930
	03-05	.9	6.7				6.7	34.3	40.3			53.9	930
	06-08	.9	4.6				4.6	34.7	50.9			64.0	930
	09-11	.5	4.4				4.4	9.5	49.7			53.5	930
	12-14	1.8	5.9				5.9	3.0	44.6			46.8	930
	15-17	4.6	9.0			.1	9.0	3.3	44.7			47.1	930
	18-20	5.4	9.4				9.4	6.6	43.8			47.6	930
	21-23	4.0	9.4				9.4	11.9	39.2			44.7	930
TOTALS		2.3	6.9			.0	6.9	15.5	43.9			50.5	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13705
STATION

ANDREWS AFB MD
STATION NAME

69-70,73-80
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	1.7	6.6				6.6	18.7	41.5			49.0	930
	03-05	.8	5.8				5.8	31.1	44.3			56.7	930
	06-08	.1	4.3				4.3	38.3	56.2			68.3	930
	09-11		4.6				4.6	8.1	54.6			56.8	930
	12-14	1.5	5.7				5.7	3.0	45.5			47.5	930
	15-17	4.9	6.5				6.5	3.3	43.7			45.7	930
	18-20	6.7	9.2				9.2	6.5	42.0			45.2	930
	21-23	2.5	7.5				7.5	9.4	38.7			41.5	930
TOTALS		2.3	6.3				6.3	14.8	45.8			51.3	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13705

ANDREWS AFB MD

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	.6	6.6				6.6	21.6	22.2			34.4	900
	03-05	.2	7.7				7.7	28.6	22.6			39.7	900
	06-08	.2	7.7				7.7	36.7	34.4			53.8	900
	09-11	.1	7.0				7.0	10.9	33.4			40.1	900
	12-14	.4	5.6				5.6	4.9	27.3			31.4	900
	15-17	1.6	8.1				8.1	5.3	23.2			27.9	900
	18-20	2.1	7.8				7.8	8.2	23.8			29.4	900
	21-23	.9	7.8				7.8	13.4	21.3			29.3	900
TOTALS		.8	7.3				7.3	16.2	26.0			35.8	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13705
STATION

ANDREWS AFB MD
STATION NAME

69-70,73-80
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	.5	11.3				11.3	10.6	10.2			25.6	930
	03-05	.4	10.2		.1		10.2	24.4	8.8			29.2	930
	06-08		9.8		.4		9.9	31.9	19.9			41.4	930
	09-11	.1	8.3		.3		8.6	14.5	18.8			29.5	930
	12-14	.4	8.2		.1		8.2	8.2	12.7			19.5	930
	15-17	.1	7.2				7.2	6.5	10.2			15.6	930
	18-20	.3	8.3				8.3	8.0	8.5			15.2	930
	21-23	.3	10.1				10.1	11.5	7.8			17.6	930
TOTALS		.3	9.2		.1		9.2	15.5	12.1			24.2	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13705
STATION

ANDREWS AFB MD
STATION NAME

69-70, 73-80
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02		12.4		.7		13.1	16.8	5.9			20.8	900
	03-05		10.7		.9		11.6	19.7	6.7			24.3	900
	06-08		10.0		.6		10.4	27.9	14.3			35.4	900
	09-11	.1	10.3		.6	.2	11.1	19.8	17.2			33.6	900
	12-14		10.3		.6	.1	10.8	12.3	13.9			24.2	900
	15-17	.7	10.8		.2		11.0	11.4	11.3			21.6	900
	18-20	.3	9.7		.4		10.1	12.4	8.7			20.3	900
	21-23		9.9		.3		10.2	15.0	7.1			21.0	900
TOTALS		.1	10.5		.5	.0	11.0	16.9	10.6			25.2	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13705

ANDREWS AFB MD

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SMOKE AND/OR FOG	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02	.1	8.6	.4	2.8		10.8	12.9	3.0			14.9	930
	03-05		10.9	.3	1.9		12.9	12.6	3.7	.1		15.9	930
	06-08		10.4	.6	1.9		12.7	16.3	6.7	.2		22.2	930
	09-11		9.8	.1	2.2		11.9	14.0	11.6	.1		23.9	930
	12-14		10.6	.1	3.3		13.9	13.4	9.2	.3		21.6	930
	15-17	.2	11.8		2.5		13.9	13.7	9.4	.8		22.5	930
	18-20	.2	12.0	.1	1.7	.1	13.7	13.3	6.1	.4		19.1	928
	21-23		10.1	.3	2.0		12.2	13.8	4.0	.1		16.7	927
TOTALS		.1	10.5	.2	2.3	.0	12.8	13.8	6.7	.3		19.6	7435

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13725

ANDREWS AFB MD

69-70,73-81

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.0	8.2	.9	5.4	.0	14.0	14.7	6.1	.2		19.9	7440
FEB		.0	7.4	.9	4.1		12.2	13.9	7.2	.6		20.0	6768
MAR		.2	11.9	.2	2.2	.1	14.0	14.8	6.4	.0		19.7	7440
APR		.6	10.7		.1	.0	10.7	10.5	7.0			16.1	7200
MAY		1.2	11.6			.0	11.6	17.8	18.4			31.5	7435
JUN		1.8	5.9				5.9	12.5	27.6			34.5	7200
JUL		2.3	6.9			.0	6.9	15.5	43.9			50.5	7440
AUG		2.3	6.3				6.3	14.8	45.8			51.3	7440
SEP		.8	7.3				7.3	16.2	26.0			35.8	7200
OCT		.3	9.2		.1		9.2	15.5	12.1			24.2	7440
NOV		.1	10.5		.5	.0	11.0	16.9	10.6			25.2	7200
DEC		.1	10.5	.2	2.3	.0	12.8	13.8	6.7	.3		19.6	7435
TOTALS		.8	8.9	.2	1.2	.0	10.2	14.7	18.2	.1		29.0	87638

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $5/8$ mile.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XXX **WEATHER CONDITIONS** XXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

1775
STATION

ANDREWS AFB MD
STATION NAME

46-81

YEARS

ALL
MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.7	35.5	5.3	22.6		45.6	38.0	41.4	1.8		56.6	1113
FEB		.8	35.9	4.5	22.5	.2	45.3	37.8	42.5	2.6		55.9	1017
MAR		4.2	44.3	1.2	14.2	.4	47.0	37.9	37.3	.4		52.0	1116
APR		8.7	49.6	.2	2.4	.6	45.9	36.2	35.5			49.0	1079
MAY		16.8	53.9		.2	.5	49.8	47.3	47.3			60.0	1116
JUN		20.6	44.6			.5	40.9	47.9	57.2			67.3	1050
JUL		24.4	46.2			.4	42.3	47.3	65.8		.1	71.4	1084
AUG		21.0	42.5			.1	38.9	55.1	71.4		.1	79.0	1085
SEP		8.3	36.8			.2	33.8	50.7	59.0			67.5	1050
OCT		3.4	35.3		.6		32.4	47.5	51.9			63.3	1085
NOV		1.5	39.2		6.4	.2	39.1	41.5	43.0			56.5	1050
DEC		.6	36.9	3.2	15.5		41.8	37.5	40.9	.6		55.0	1085
TOTALS		9.2	41.7	1.2	7.0	.3	41.9	43.7	49.4	.4	.0	61.1	12930

USAFETAC FORM 0-10-5 (CL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	"00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

1
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

127 5 ANDREWS AFB MD 43-61
STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	51.9	15.3	1.9	6.7	3.9	6.7	7.1	4.5	2.0					32.9	1178	3.15	8.02	.27
FEB	52.5	17.0	3.0	4.7	3.0	7.0	5.9	5.1	1.8					30.4	1074	2.70	6.70	.42
MAR	43.9	15.8	2.5	6.1	4.2	7.9	5.8	6.1	2.7					35.3	1178	3.65	6.62	1.12
APR	49.3	16.8	2.9	6.2	4.1	7.2	7.4	4.1	1.8	.1				33.9	1140	2.92	7.15	1.00
MAY	45.3	17.2	2.9	6.6	4.7	8.1	6.4	4.9	3.2	.3				37.0	1178	3.95	11.32	.95
JUN	54.5	13.9	3.3	5.6	3.3	5.5	6.4	4.3	2.8	.4				31.6	1122	3.62	10.54	.56
JUL	52.6	14.9	2.5	5.4	2.7	7.6	5.5	4.6	3.9	.3				32.5	1177	3.35	14.29	.55
AUG	57.1	12.8	2.8	5.5	3.0	5.8	4.3	4.2	4.1	.3	.2			30.1	1178	4.50	14.16	.36
SEP	61.3	12.5	3.4	3.7	2.6	5.3	4.3	3.8	2.2	.8	.1			26.1	1140	3.68	12.61	.56
OCT	64.7	12.5	1.5	4.3	2.4	3.0	5.1	3.5	2.6	.4				22.8	1178	3.29	7.52	TRACE
NOV	56.6	13.5	3.3	5.4	3.8	5.8	5.2	3.1	3.1	.4				29.9	1140	3.20	7.08	.19
DEC	56.7	14.3	1.8	4.8	3.1	6.5	5.0	4.7	3.0	.1				28.9	1178	3.43	6.85	.47
ANNUAL	54.3	14.7	2.6	5.4	3.4	6.4	5.7	4.4	2.8	.3	.0			30.9	13861	42.44		

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

137-5 ANDREWS AFB MD
STATION STATION NAME

43-81
YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43						.49	2.03	.12	2.37	2.55	1.43	1.21	
44	1.89	.56	1.04	1.41	1.01	1.60	1.20	7.05	2.30	1.46	1.86	1.25	7.05
45	.71	.79	.75	1.42	.77	1.67	2.98	2.21	3.00	.50	1.28	1.24	3.00
46	.71	1.50	.37	1.52	3.07	.59	1.77	1.21	1.42	.78	1.03	1.37	3.07
47	1.08	.73	.35	1.03	1.95	3.37	1.02	1.38	.74	1.09	2.60	.83	3.37
48	1.63	.76	1.55	1.09	1.08	1.11	1.59	2.41	.93	2.38	1.23	2.26	2.41
49	1.43	.43	.91	.59	1.31	1.03	1.74	1.17	.90	1.02	.15	.51	1.74
50	.52	.54	1.14	.93	1.33	.94	2.05	1.59	4.07	1.14	2.23	1.29	4.07
51	.85	.87	1.09	.92	1.23	2.11	.93	.95	.88	.50	1.22	1.30	2.11
52	.90	.97	1.01	1.45	.76	.79	2.03	1.92	3.61	.43	3.12	.77	3.61
53	.99	1.02	1.76	.90	2.99	1.63	1.36	1.18	3.18	2.71	.64	.96	3.18
54	1.21	.79	1.06	.80	1.72	.56	.81	1.16	.20	1.45	.53	.87	1.72
55	.15	.87	.78	.81	.65	1.47	1.96	6.40	.43	2.89	.75	.16	6.40
56	.70	.89	1.24	.74	.61	1.19	2.11	1.93	1.87	1.04	1.53	.64	2.04
57	.37	.86	.70	.35	.41	1.66	.37	1.88	.84	1.63	1.19	1.37	1.88
58	1.21	1.36	1.33	.90	.58	.97	2.81	3.16	.86	1.81	1.32	1.55	3.16
59	.78	.76	.91	1.15	.60	1.19	1.99	.97	.39	.93	1.03	1.38	1.99
60	1.18	.90	1.14	1.27	2.13	.40	.95	1.45	2.48	1.22	.43	1.08	2.48
61	.56	1.05	.90	.72	.47	.99	2.19	1.52	.35	1.49	.37	.66	2.19
62	1.12	1.15	.92	1.15	1.15	1.10	.35	.31	.82	1.63	1.34	1.11	1.63
63	.47	1.08	1.15	.40	.38	2.58	.69	3.35	1.74	TRACE	2.51	.69	3.35
64	1.21	.63	.60	.56	.51	.39	1.74	1.47	1.76	1.08	1.43	.97	1.76
65	1.43	1.24	1.90	.34	.60	.83	1.98	1.71	.88	.81	.12	.25	1.98
66	.98	1.19	.88	1.03	1.12	.41	.24	.68	3.33	2.87	1.95	.64	3.33
67	.29	.56	1.47	.25	.98	.39	1.61	1.17	.61	.79	.91	.99	1.61
68	2.27	.35	1.44	.44	1.84	1.21	.90	1.62	2.61	1.14	1.12	.82	2.61
69	.89	.84	.39	.46	.69	1.30	2.37	2.40	1.17	.74	1.04	1.87	2.40
70	.54	.89	.89	2.67	1.02	.45	2.09	.71	.46	1.63	2.66	1.34	2.67
71	1.90	1.39	1.07	1.65	1.75	.63	1.06	4.62	1.02	2.38	1.88	1.59	4.62
72	.53	1.72	.58	1.48	1.16	3.93	.94	.51	.83	1.78	1.75	1.40	3.93
MEAN													
S. D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)
JUL 64

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

13705 ANDREWS AFB MD
STATION

43-81
YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43						* .56	3.59	.36	3.75	3.92	3.07	1.51	
44	3.03	1.98	5.77	3.77	1.84	3.71	3.66	8.12	4.55	3.48	3.74	3.06	46.71
45	2.33	2.72	1.12	2.99	3.42	4.89	14.29	4.81	7.20	1.33	4.90	5.29	55.29
46	2.26	3.72	1.64	2.12	11.32	2.13	6.53	2.59	2.91	3.15	1.60	2.39	42.36
47	3.87	1.31	1.58	2.93	6.31	10.54	3.92	1.95	2.58	1.15	6.47	1.55	44.16
48	4.57	1.36	5.10	2.48	5.65	3.49	4.59	9.09	3.07	4.60	5.23	6.65	55.88
49	5.96	2.18	3.50	2.35	5.66	1.92	3.49	3.36	2.09	2.86	.47	2.02	35.86
50	1.80	2.18	4.12	1.64	5.22	2.27	6.55	2.92	9.03	2.50	2.71	3.09	44.03
51	2.62	2.11	3.77	3.79	2.63	7.62	3.17	2.07	1.47	1.85	4.19	5.33	39.92
52	4.73	2.19	4.61	7.15	3.77	2.57	4.04	7.29	5.41	.77	6.73	3.55	52.81
53	3.72	2.74	6.62	3.34	9.22	4.04	2.20	2.74	4.30	4.07	1.49	3.36	47.84
54	3.08	1.03	3.76	2.58	3.26	.98	1.99	3.29	.56	3.72	2.02	2.69	28.96
55	.27	3.67	3.66	2.46	2.25	3.46	3.34	14.18	1.30	6.61	1.50	.47	43.17
56	2.79	2.92	4.54	2.17	1.71	3.37	7.34	3.18	4.45	4.55	3.63	2.30	42.95
57	2.33	2.78	2.95	1.00	.98	5.64	.55	2.36	3.42	2.94	3.80	6.49	35.24
58	3.21	4.72	5.31	4.94	2.59	3.38	11.66	6.81	2.31	2.99	2.65	2.10	52.67
59	2.56	2.36	2.72	4.08	2.58	1.78	6.72	2.39	.81	3.41	2.44	4.10	35.95
60	3.18	3.99	2.52	3.44	5.22	.77	3.19	6.34	5.07	2.74	1.10	2.13	39.69
61	2.09	3.76	3.35	2.16	1.62	3.30	3.92	2.99	.91	2.72	1.52	2.74	31.08
62	2.07	3.71	3.92	3.60	2.87	3.06	1.08	.37	2.54	1.95	5.12	3.35	33.64
63	1.92	2.28	5.54	1.31	.95	8.90	1.43	4.47	3.70	TRACE	7.08	1.92	39.50
64	4.58	2.97	2.24	3.84	.99	.96	3.52	1.61	5.98	1.93	1.88	3.11	33.61
65	3.84	2.29	4.14	1.65	1.53	2.13	5.07	4.65	2.37	1.58	.19	.58	30.02
66	3.89	3.48	1.30	3.71	3.25	1.90	.64	1.50	6.90	4.12	2.75	2.42	35.86
67	.68	1.63	3.65	1.02	3.75	.99	4.08	7.53	.73	1.68	1.92	5.05	32.71
68	3.37	.42	5.31	1.11	4.35	5.85	2.12	4.62	3.88	3.52	3.65	2.75	40.95
69	2.24	2.65	1.95	1.86	1.61	4.22	8.29	7.56	2.56	1.36	2.07	6.85	43.22
70	1.25	2.85	3.37	6.21	3.33	2.32	5.12	2.46	1.13	2.69	6.20	3.82	40.75
71	4.18	5.38	2.65	3.12	7.71	1.89	4.21	11.95	2.95	7.26	4.15	2.41	57.86
72	2.66	6.70	2.30	4.02	6.86	8.82	2.98	1.50	2.05	3.73	6.88	5.12	53.62
MEAN													
S. D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

XXXXXXXXXXXXXXXXXXXX
 MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

43-81

YEARS

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

17709 ANDREWS AFB MD 46-81
STATION STATION NAME YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	77.4	13.1	2.3	3.2	1.3	.6	1.0	.7	.4					9.6	1116	5.9	26.5	TRACE
FEB	77.4	14.4	1.7	2.5	1.4	.6	.4	1.0	.6	.2				8.3	1017	5.9	31.3	TRACE
MAR	85.3	9.4	1.2	1.3	.7	1.1	.4	.2	.3	.2				5.3	1116	3.9	27.6	.0
APR	97.7	1.9	.2	.1		.1								.4	1080	.1	2.8	.0
MAY	99.8	.2													1116	TRACE	TRACE	.0
JUN	100.0														1050	.0	.0	.0
JUL	100.0														1084	.0	.0	.0
AUG	100.0														1085	.0	.0	.0
SEP	100.0														1050	.0	.0	.0
OCT	99.4	.5					.1							.1	1085	.1	3.8	.0
NOV	94.1	4.0	.6	.6	.2	.1	.3	.1		.1				1.9	1050	1.2	11.1	.0
DEC	84.8	9.6	1.6	1.4	1.1	.6	.3	.5	.3					5.6	1085	3.5	17.5	.0
ANNUAL	93.7	4.4	.6	.8	.4	.3	.2	.2	.1	.0				2.6	12934	20.6		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

13705 STATION ANDREWS AFB MD

46-81

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	5.4	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.4
47	5.2	7.3	3.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	7.3
48	5.5	4.5	.7	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.5
49	1.9	1.5	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.9
50	.1	TRACE	3.0	TRACE	.0	.0	.0	.0	.0	.0	2.6	1.9	3.0
51	TRACE	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	2.5	2.5
52	TRACE	TRACE	2.0	.0	.0	.0	.0	.0	.0	.0	3.6	1.9	3.6
53	.1	TRACE	1.7	TRACE	.0	.0	.0	.0	.0	.0	5.4	TRACE	5.4
54	8.0	TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	TRACE	.0	1.3	8.0
55	1.5	4.4	TRACE	.0	.0	.0	.0	.0	.0	.0	1.6	.4	4.4
56	3.5	TRACE	3.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	3.5
57	2.0	2.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	10.4	10.4
58	1.6	13.6	10.7	.0	.0	.0	.0	.0	.0	.0	TRACE	1.1	13.6
59	3.2	TRACE	TRACE	2.8	.0	.0	.0	.0	.0	.0	TRACE	3.0	3.2
60	3.8	4.7	12.9	.0	.0	.0	.0	.0	.0	.0	TRACE	5.0	12.9
61	5.6	9.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.2	1.8	9.2
62	1.3	2.3	6.7	.0	.0	.0	.0	.0	.0	.0	.4	6.1	6.7
63	2.4	1.2	.4	.0	TRACE	.0	.0	.0	.0	.0	.7	6.0	6.0
64	9.6	6.3	3.8	.5	.0	.0	.0	.0	.0	.0	TRACE	3.2	9.6
65	5.2	1.5	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.3	5.2
66	9.7	6.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	6.7	9.7
67	2.0	7.1	1.3	.0	.0	.0	.0	.0	.0	.0	11.1	2.3	11.1
68	.9	1.7	2.5	.0	.0	.0	.0	.0	.0	.0	4.2	TRACE	4.2
69	.2	4.5	2.6	.0	.0	.0	.0	.0	.0	.0	TRACE	4.1	4.5
70	2.8	3.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.6	3.6
71	5.7	.5	.3	.4	.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.7
72	TRACE	7.2	TRACE	.4	.0	.0	.0	.0	.0	TRACE	TRACE	.0	7.2
73	TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	7.9	7.9
74	TRACE	4.8	1.5	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.8
75	6.0	4.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	6.0
MEAN													
S. D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

13705 STATION ANDREWS AFB MD

46-81 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	6.2	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	10.9
47	5.2	10.9	6.7	.0	.0	.0	.0	.0	.0	.0	.0	2.3	25.1
48	8.7	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	16.8
49	2.9	2.9	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	5.8
50	.1	TRACE	3.0	TRACE	.0	.0	.0	.0	.0	.0	3.0	2.9	9.0
51	TRACE	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.3	5.3
52	TRACE	TRACE	2.0	.0	.0	.0	.0	.0	.0	.0	4.0	2.0	8.0
53	.1	TRACE	2.8	TRACE	.0	.0	.0	.0	.0	.0	5.6	TRACE	8.5
54	18.0	TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	TRACE	.0	1.6	19.6
55	2.0	8.1	TRACE	.0	.0	.0	.0	.0	.0	.0	1.6	.4	12.1
56	9.4	TRACE	3.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	13.2
57	7.8	3.5	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	13.5	24.8
58	3.0	22.2	27.6	.0	.0	.0	.0	.0	.0	.0	TRACE	1.2	54.0
59	5.7	TRACE	TRACE	2.8	.0	.0	.0	.0	.0	.0	TRACE	5.6	14.1
60	3.8	10.4	22.4	.0	.0	.0	.0	.0	.0	.0	TRACE	9.0	45.6
61	13.1	12.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	2.2	3.1	30.8
62	2.2	7.2	11.0	.0	.0	.0	.0	.0	.0	.0	.4	16.4	37.2
63	3.4	1.3	.4	.0	TRACE	.0	.0	.0	.0	.0	.9	7.4	13.4
64	13.7	9.9	8.0	.5	.0	.0	.0	.0	.0	.0	TRACE	3.2	35.3
65	11.8	1.5	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.3	19.2
66	26.5	10.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	17.5	54.2
67	2.0	17.3	1.6	.0	.0	.0	.0	.0	.0	.0	11.1	4.3	36.3
68	1.6	1.7	3.6	.0	.0	.0	.0	.0	.0	.0	8.2	TRACE	15.1
69	.2	4.8	9.8	.0	.0	.0	.0	.0	.0	.0	TRACE	4.3	19.1
70	6.5	3.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	4.4	13.9
71	6.4	.8	.6	.4	.0	.0	.0	.0	.0	.0	TRACE	TRACE	8.2
72	TRACE	17.6	TRACE	.4	.0	.0	.0	.0	.0	TRACE	TRACE	.0	18.0
73	TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	12.1	12.1
74	TRACE	6.0	1.5	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	7.5
75	7.5	5.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	14.5
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

EXTREME VALUES

MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

13705	ANDREWS AFB MD	46-81
STATION	STATION NAME	YEARS

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
76	2.7	1.5	9.2	.0	.0	.0	.0	.0	.0	.0	2.7	2.6	18.7
77	9.5	TRACE	.0	TRACE	.0	.0	.0	.0	.0	TRACE	.2	.6	10.3
78	12.0	8.7	10.1	.0	.0	.0*	.0	.0	.0	.0	2.0	TRACE	* 32.8
79	5.5	31.3	.4	.0	.0	.0	.0	.0	.0	3.8	.0	TRACE	41.0
80	8.7	4.8	7.7	.0	.0	.0	.0	.0	.0	.0	TRACE	.3	21.5
81	6.6	TRACE	TRACE	.0	.0								
MEAN	5.91	5.92	3.88	.11	TRACE	.00	.00	.00	.00	.11	1.20	3.52	20.56
S.D.	5.804	7.145	6.283	.476	.000	.000	.000	.000	.000	.642	2.523	4.745	13.507
TOTAL OBS	1116	1017	1116	1080	1116	1050	1084	1085	1050	1085	1050	1085	12934

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL AT)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

13705

ANDREWS AFB MD

43-81

STATION

STATION NAME

YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	75.7	5.9	5.9	4.1	2.3	4.7	1.2	.2						18.4	1171			
FEB	78.2	4.6	3.9	4.4	2.3	3.6	2.0	.8	.1					17.2	1071			
MAR	92.2	2.3	1.7	1.5	.9	1.3	.8							5.5	1172			
APR	99.7	.2		.1										.1	1139			
MAY	100.0														1178			
JUN	100.0														1122			
JUL	100.0														1177			
AUG	100.0														1178			
SEP	100.0														1140			
OCT	100.0														1178			
NOV	98.1	1.2	.2	.4	.1	.1								.7	1140			
DEC	87.3	4.3	2.8	2.0	.4	2.2	1.0							8.5	1171			
ANNUAL	94.3	1.5	1.1	1.0	.5	1.0	.4	.1	.0					4.2	13837			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

13705 ANDREWS AFB MD

43-81

STATION

STATION NAME

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43						*	0	0	0	0	0	0	0
44	*	4*	2*	1*	0	0	0	0	0	0	0	0*	2
45	*	2	2	0	0	0	0	0	0	0	0	0*	6
46		6	4	0	0	0	0	0	0	0	0	0	1
47		4	9	3	0	0	0	0	0	0	0	0	3
48		5	5	0	0	0	0	0	0	0	0	0	2
49		1	2	TRACE	0	0	0	0	0	0	0	0	0
50	TRACE	0	3	0	0	0	0	0	0	0	0	3	2
51	TRACE	2	TRACE	0	0	0	0	0	0	0	0	TRACE	2
52	TRACE	0	2	0	0	0	0	0	0	0	0	2	2
53		1	0	2	0	0	0	0	0	0	0	5	0
54		8	TRACE	TRACE	0	0	0	0	0	0	0	0	0
55		2	2	0	0	0	0	0	0	0	0	2	TRACE
56		4	0	3	0	0	0	0	0	0	0	0	TRACE
57		5	2	0	TRACE	0	0	0	0	0	0	0	9
58		1	16	10	0	0	0	0	0	0	0	0	TRACE
59		2	0	0	TRACE	0	0	0	0	0	0	0	TRACE
60	TRACE	5	10	0	0	0	0	0	0	0	0	0	9
61		9	6	0	0	0	0	0	0	0	0	1	1
62		1	2	9	0	0	0	0	0	0	0	TRACE	7
63		5	3	0	0	0	0	0	0	0	0	TRACE	5
64		10	7	2	2	0	0	0	0	0	0	0	1
65		4	2	4	0	0	0	0	0	0	0	0	0
66		24	23	0	0	0	0	0	0	0	0	0	8
67		2	10	1	0	0	0	0	0	0	0	0	9
68		2	0	3	0	0	0	0	0	0	0	1	0
69	TRACE		1	3	0	0	0	0	0	0	0	2	2
70		4	3	0	0	0	0	0	0	0	0	0	0
71		8	TRACE	TRACE	0	0	0	0	0	0	0	0	0
72		0	4	0	0	0	0	0	0	0	0	0	0
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

13705 ANDREWS AFB MD
STATION STATION NAME

43-81 _____ YEARS

DAILY SNOW DEPTH IN INCHES

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- *1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- *2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AI WEATHER SERVICE/MAC

EXTREME VALUES SURFACE WINDS

(FROM DAILY OBSERVATIONS)

13705 ANDREWS AFB MD
STATION

46-81

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	NW *44W	52WSW	49NW	*43SSW	47S	44ESE	36W	32			WNW*35WNW	43	
47	W 52W	48WSW	56SW	51SSW	60WNW	49WSW	35NW	26SSW	33S	27WNW	47WNW	49	SSW 67
48	WNW 39SSW	44SSW	44WNW	46N	39SW	49SW	36NW	56WNW	29NNE	36WNW	45NNW	46	NW 56
49	WNW 45NNW	51NNW	49WNW	62S	43ESE	28S	30ESE	60WNW	32NW	32NW	37WNW	44	WNW 62
50	WNW 46W	45W	51SSW	45WSW	42SW	36ESE	45NNE	26WNW	26W	38SSW*54SE	*40		SSW*54
51	NW 44WNW	43NNW	45N	*35WSW	36E	*37W	*43SW	*16			NW *42WNW*45		
52	NW *43NW	*48WNW	52SSW*48WNW	*45NNE	33WNW*22N	35SSW	27NW	43ESE	43E	*35			WNW 52
53	WNW*38			N *69S	*43								
54							SSW*24S	*37NW	*46NW	*36			
55							* CALM						
56	WNW*47W	60NW	39NW	*47NW	45NW	42NW	36WNW	39NW	59N	31NW	47WNW	42	W 60
57	WNW 48WNW	35NW	37WNW	52SW	46SSE	34WNW	30WNW	30WNW	40NE	43SSW	38SSE	49	WNW 52
58	NW 41WNW	45WNW	39NW	*36SSE	33WNW	49WSW	49SW	*24NE	*27NE	39NNW	48WNW	45	WNW 49
59	NW 54WNW	50SW	53W	46ESE	33WNW	40SW	42NE	30NNW	31W	40NW	42SW	43	NW 54
60	W 49WNW	62WNW	53W	49SSE	30NW	33SSE	30SW	43NNW	34WNW	42W	43WNW	49	WNW 62
61	NW 43NW	54NW	44W	45W	65WNW	43WSW	34SW	28WNW	28NW	30NW	38WNW	44	W 65
62	SW 42NW	34ENE	45WNW	33WNW	38NNW	37NW	40SSW	38WNW	26NW	27ESE	40NW	42	ENE 45
63	WNW 46N	34WNW*35WNW	54WNW*38WNW	35W	43N	38WSW	30NW	36WNW	44NW	39			WNW 54
64	WNW 41NW	52SSW	44NNW	36W	32NW	*31NNW	27E	26WSW*25NE	30NNW	31NW	44		NW 52
65	NW 48NNW	42NW	40WNW	44NW	*27NW	37NW	61N	44SSW	30ESE	33WNW	46NW	38	NW 61
66	WNW 50WNW*45WNW	*45WNW	34SW	47WSW	38NNE	33WNW	36E	36NNW	40WNW	39NW	35		WNW 50
67	NW 47NW	49NW	48NW	41NW	41N	26NW	38WNW	30SE	30NW	38WNW	43NW	40	NW 49
68	WNW 46NW	45NW	54NNW	46NW	36W	*3334*	37 1/	4633/	2629*	33 1/	4131/	47	NW 54
69	30*	3732/	5530*	4422/	4321/	4216/	3430/	7432/	4031/	4232/	4733/	5231/	57 30/ 74
70	31/	5916/	4719/	4423/	5023/	4227/	4629/	4926/	3832/	4221/	3334/	4232/	55 31/ 59
71	31/	6031/	4230/	6032/	5221/	3934/	5335/	5824/	3225/	4231/	3334/	4630/	56 31/ 60
72	33/	3931/	5027/	6928/	38 6/	3433/	4031/	3034/	2730/	3833/	4029/	4931/	48 27/ 69
73	30/	4630/	4422/	5229/	4431/	3633/	3229/	2615/	4816*	2313/	3129/	4624/	45 22/ 52
74	29/	3629/	4828/	4128/	3932/	4020/	3532*	3218/	3530/	3534/	2728/	3332/	48 29/ 48
75	32/	4823/	3830/	4030/	5234/	3531/	3128/	3623/	4029/	2728/	2820/	3014/	32 33/ 52
MEAN													
S D													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FC 8M 0-88-5 (OLA) (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

EXTREME VALUES

SURFACE WINDS

13705	ANDREWS AFB MD
STATION	STATION NAME

46-21

YEARS

[illegible]

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OL A)

5 (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13715
STATION

ANDREWS AFB MD
STATION NAME

70,73-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	4.0	2.4	1.0	.1							9.6	6.3
NNE	.9	.8	.8	.4								2.8	6.3
NE	.6	1.2	.3	.3								2.5	5.7
ENE	.3	.8	.2									1.3	4.6
E	.9	1.2	.3	.2								2.6	5.0
ESE	.5	.9										1.4	3.8
SE	1.1	.5	.2	.3		.1						2.3	6.4
SSE	.6	1.8	.4									2.9	4.7
S	1.2	2.4	2.2	.8		.1						6.6	7.0
SSW	1.4	.5	.8	.8								3.4	6.4
SW	.8	1.3	2.0	.3	.2							4.6	7.4
WSW	.6	1.0	1.0	.5	.1							3.3	7.0
W	.2	2.5	1.3	.3			.1					4.4	7.0
WNW	.5	1.9	3.9	3.8	1.0	.3						11.4	10.7
NW	.5	2.3	6.0	5.5	1.6		.1	.1				16.1	11.0
NNW	.5	1.5	4.2	1.7	.4							8.4	9.3
VARBL													
CALM												16.5	
	13.0	24.4	25.9	15.9	3.4	.5	.2	.1				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

137.5

ANDREWS AFB MD

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1300-0500

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	4.0	3.7	1.3								11.8	6.1
NNE	1.3	1.1	.6	.2	.2							3.4	5.9
NE	1.0	1.4	.2	.2								2.8	4.9
ENE	.6	.6	.2	.1								1.6	4.9
E	.4	.9	.5									1.8	5.2
ESE	.6	.5										1.2	3.5
SE	.3	.5										.9	4.1
SSE	.3	.3	.2	.3								1.2	6.9
S	1.3	1.5	1.5	.2		.1						4.6	6.2
SSW	1.0	1.7	.8	.6		.1	.1					4.3	7.3
SW	.9	1.5	1.1	1.3	.1							4.8	7.7
WSW	.5	1.4	1.0	.2								3.1	6.4
W	.8	2.5	.9	.6								4.7	6.3
WNW	.5	1.6	4.0	2.9	.9	.3						10.2	10.7
NW	.5	2.5	4.8	4.7	.9	.8						14.2	10.9
NNW	.6	1.8	3.4	2.9	.1	.1						9.0	9.1
VARBL													
CALM												20.2	
	13.7	23.9	22.9	15.7	2.2	1.4	.1					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13705
STATION

ANDREWS AFB MD
STATION NAME

70, 73-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	4.7	2.4	.9								9.7	6.0
NNE	1.7	1.8	.8	.1								4.4	4.8
NE	1.5	1.3	.5	.1								3.4	4.5
ENE	.5	.8	.3									1.6	4.4
E	.2	.9	.8	.1								1.9	6.2
ESE	.5	.5	.1	.2								1.4	5.2
SE	.5	.8	.1									1.4	4.0
SSE	.3	1.1	.1		.1							1.6	5.3
S	1.8	1.5	1.3	.2								4.8	5.1
SSW	.8	1.0	1.6	1.0	.3		.1					4.7	9.1
SW	1.0	1.5	2.0	.4	.2	.1	.1					5.4	7.9
WSW	.9	1.6	.6	.1								3.2	5.1
W	1.0	2.0	1.2	.6	.1							4.9	6.5
WNW	.3	1.5	3.4	3.0	1.1	.1						9.5	10.8
NW	.1	2.8	5.3	4.2	.8	.5						13.7	10.6
NNW	.8	1.7	3.9	1.8	.1	.2						8.5	8.7
VARBL													
CALM												19.8	
	13.7	25.5	24.4	12.8	2.7	1.0	.2					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1375
STATION

ANDREWS AFB MD
STATION NAME

70,73-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.5	2.9	1.4								9.0	7.1
NNE	.9	1.6	1.1									3.5	5.2
NE	1.0	1.6	.8									3.3	5.0
ENE	1.3	1.0	1.1									3.3	4.9
E	1.0	1.0	.9									2.8	4.8
ESE	.2	.8	.5									1.5	5.8
SE	.3	1.1	.3		.3							2.0	7.1
SSE	.3	.9	.2	.3								1.7	6.4
S	1.1	1.3	1.6	.6								4.6	6.7
SSW	.6	1.2	2.3	1.1		.2						5.4	8.5
SW	.8	2.3	3.1	.8	.3							7.2	7.7
WSW	.8	1.6	2.4	.8	.1	.1	.1					5.8	8.1
W	.9	2.0	3.1	.9	.1							7.0	7.7
WNW	.4	1.7	2.6	4.2	1.1	.5						10.5	11.8
NW	.2	.8	4.5	5.3	2.2	.9						13.8	12.7
NNW	.3	1.2	4.1	2.5	.6	.2						8.9	10.2
VARBL													
CALM												9.5	
	11.2	23.4	31.4	17.7	4.7	1.9	.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1375 STATION ANDREWS AFB MD 70,73-81 YEARS JAN NORTH
STATION NAME CLASS ALL WEATHER 1200-1400
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.4	2.3	1.0	.2							6.8	7.5
NNE	.5	1.0	.9	.1								2.5	6.0
NE	.5	.6	.5									1.7	5.3
ENE	.2	.5	.8									1.5	6.4
E	.9	.8	.9									2.5	5.2
ESE	.3	1.0	.4									1.7	5.3
SE	.5	.9	.5		.3							2.3	6.6
SSE	.5	1.2	.6	.1	.2							2.7	6.7
S	.5	1.8	1.8	.9	.1							5.2	7.8
SSW	.3	3.2	2.6	1.5	.1							7.7	7.8
SW	.8	1.9	2.9	1.6	.1	.1	.1					7.5	8.9
WSW	.5	.9	1.2	1.5	.1	.1	.1					4.4	9.9
W	.8	1.5	3.4	1.6	.4	.1						7.8	9.0
WNW	.8	.9	4.7	5.6	2.2	.5						14.6	12.3
NW	.5	2.2	4.3	5.7	1.9	.8	.1					15.5	12.0
NNW	.3	2.2	3.1	3.0	1.0	.4						10.0	10.8
VARBL													
CALM												5.6	
	9.0	22.8	31.0	22.6	6.7	2.0	.3					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13705
STATION

ANDREWS AFB MD
STATION NAME

70,73-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	3.0	1.7	.6	.3							6.6	7.0
NNE	.1	1.7	1.0	.1								2.9	5.7
NE	.4	1.0	.6									2.0	5.4
ENE	1.2	1.1	.6	.2								3.1	5.1
E	1.1	1.3	.3									2.7	4.2
ESE	.9	1.4	.8									3.0	5.0
SE	.5	1.0	.9									2.4	5.4
SSE	.3	1.1	.4	.5	.1							2.5	7.9
S	.8	2.5	1.6	.9								5.7	6.8
SSW	.8	1.9	2.2	1.3	.4							6.6	8.4
SW	.3	2.0	1.7	2.0	.2		.1					6.5	9.1
WSW	.5	.9	1.5	1.0		.3						4.2	9.4
W	1.3	1.4	1.9	1.2	.2							6.0	7.6
WNW	.4	2.2	3.8	5.1	1.5	.5						13.4	11.3
NW	.5	1.0	3.0	6.8	1.8	1.2						14.3	13.0
NNW	.3	1.7	3.7	2.8	.5	.3						9.4	10.4
VARBL													
CALM												8.8	
	10.3	25.1	25.7	22.5	5.2	2.4	.1					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1375 STATION ANDREWS AFB MD 70,73-81 YEARS JAN NORTH
1800-2000 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.5	3.0	1.9	.5								7.0	5.9
NNE	.1	1.6	.6	.1								2.5	6.2
NE	.9	1.3	1.0	.2								3.3	5.6
ENE	.3	.9	.3									1.5	5.1
E	1.1	1.4	.4									2.9	4.3
ESE	1.6	1.9	.3									3.9	3.9
SE	1.1	1.6	.5									3.2	4.5
SSE	1.3	2.4	.3									4.0	4.3
S	2.0	3.9	1.1	.6								7.6	5.6
SSW	1.4	1.1	1.5	.8	.1							4.8	6.7
SW	.1	.8	1.3	.5	.2							2.9	9.0
WSW	.5	1.1	.2		.2							1.9	6.1
W	.9	1.8	1.0	.3	.3							4.3	7.0
WNW	.4	1.9	3.2	4.0	1.3	.2						11.1	11.0
NW	.3	.8	4.2	5.4	1.6	1.0						13.2	12.8
NNW	1.3	2.4	2.2	2.6	1.3							9.7	9.4
VARBL													
CALM												16.1	
	14.8	27.6	20.1	15.1	5.1	1.2						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13705 ANDREWS AFB MD 70,73-81 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER 2100-2300
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.7	1.9	.2								6.5	5.7
NNE	.5	1.5	.8	.1								2.9	5.8
NE	.9	1.2	.9									2.9	5.3
ENE	.6	1.0	.4									2.0	4.8
E	1.1	1.0	.2									2.3	4.0
ESE	1.2	.9	.6									2.7	4.4
SE	.4	1.3	.2	.1								2.0	4.9
SSE	.8	2.5	.3	.1								3.7	5.0
S	.5	4.0	1.0	.9	.2							6.6	6.5
SSW	1.0	1.4	1.8	.5	.2							4.9	7.3
SW	.4	1.0	1.8	1.1	.1	.1						4.5	9.0
WSW	.2	.6	.5	.1	.1							1.6	7.9
W	.8	1.3	1.0	.9	.1							4.0	7.3
WNW	.9	1.7	3.9	5.4	2.2	.3						14.3	11.6
NW	.4	1.3	4.3	5.1	1.5	.3	.1					13.0	11.7
NNW	.3	2.3	2.8	3.4	.6							9.5	9.9
VARBL													
CALM												16.7	
	11.3	25.8	22.5	17.8	5.1	.8	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

137.5
STATION

ANDREWS AFB MD
STATION NAME

70,73-81
YEARS

JAN
MONTH
ALL
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	3.5	2.4	.9	.1							8.4	6.4
NNE	.8	1.4	.8	.1	.0							3.1	5.7
NE	.8	1.2	.6	.1								2.8	5.2
ENE	.6	.8	.5	.0								2.0	5.0
E	.8	1.0	.5	.0								2.4	4.8
ESE	.7	1.0	.3	.0								2.1	4.6
SE	.6	1.0	.3	.1	.1	.0						2.1	5.5
SSE	.6	1.4	.3	.2	.1							2.5	5.6
S	1.2	2.4	1.5	.6	.0	.0						5.7	6.5
SSW	.9	1.5	1.7	.9	.1	.0	.0					5.2	7.8
SW	.6	1.5	2.0	1.0	.2	.0	.0					5.4	8.3
WSW	.6	1.1	1.0	.5	.1	.1	.0					3.5	7.7
W	.8	1.9	1.7	.8	.2	.0	.0					5.4	7.5
WNW	.5	1.7	3.7	4.2	1.4	.4						11.9	11.3
NW	.4	1.7	4.6	5.3	1.5	.7	.0	.0				14.2	11.8
NNW	.6	1.8	3.4	2.6	.6	.2						9.2	9.8
VARBL													
CALM												14.1	
	12.1	24.8	25.5	17.5	4.4	1.4	.1	.0				100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

137.5 STATION ANDREWS AFB MD 70,73-81 YEARS FEB NORTH
0000-0200 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	4.3	3.9	1.8								11.0	7.3
NNE	1.3	1.7	1.5	.1	.2							4.8	6.2
NE	.2	.5	1.5	.2								2.5	7.8
ENE	.6	.9	.6	.1								2.2	5.5
E	.9	.9	1.1									3.0	5.3
ESE	.7	.4										1.1	3.4
SE	.2	.4	.6	.1								1.3	6.8
SSE	1.8	.7	.7	.2	.1							3.5	5.3
S	2.7	2.8	1.4	.4								7.3	4.8
SSW	.5	1.1	2.0	.5								4.0	7.4
SW	.4	1.9	1.9	.9	.1							5.2	8.0
WSW	.5	.2	1.2	.4	.1							2.4	8.3
W	.7	1.4	.9	.7	.1	.1						4.0	7.8
WNW	.7	1.1	1.7	3.5	1.2	.1						8.3	11.3
NW	.5	1.1	4.7	3.7	2.0	.5						12.4	12.0
NNW	.8	1.9	2.6	2.1	.8	.1	.2					8.6	10.2
VARBL													
CALM												18.3	
	13.6	21.2	26.4	14.8	4.7	.8	.2					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

137.5
STATION

ANDREWS AFB MD
STATION NAME

70,73-81
YEARS

FEB
MONTH
0300-0500
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	5.1	3.2	2.0								11.6	7.2
NNE	.2	.8	1.4	.2								2.7	7.4
NE	.4	1.7	1.7	.4								4.0	6.8
ENE	.5	.4	.6									1.4	5.6
E	.6	.7	.7									2.0	5.3
ESE	.5	.8	.2									1.5	4.2
SE	.5	.4	.1									.9	4.0
SSE	.6	.8	.8		.4							2.6	7.1
S	2.2	2.7	1.8	.5								7.2	5.4
SSW	1.2	2.0	.6	.1		.1						4.0	5.2
SW	1.2	2.1	3.1	.7	.2	.1						7.4	7.5
WSW	.5	1.2	1.1									2.7	6.0
W	.4	1.9	1.1	.1	.1							3.5	6.2
WNW	.1	2.1	2.8	3.2	.7	.2	.2					9.5	10.9
NW	.7	1.7	4.3	4.0	1.4	.5	.2					12.8	11.6
NNW	.4	1.4	2.7	2.7	.5	.1	.1					7.9	10.5
VARBL													
CALM												18.1	
	11.1	25.8	26.1	13.9	3.3	1.1	.6					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1975 STATION ANDREWS AFB MD 70,73-81 YEARS FEB MONTH
0600-0800 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	3.8	2.8	2.4	.1	.1						9.9	8.3
NNE	.1	1.3	1.5	.6								3.5	7.6
NE	.6	1.7	1.4	.2								3.9	6.2
ENE	.6	1.1	1.2									2.8	5.7
E	1.3	2.1	.4									3.8	4.3
ESE	.2	.6	.5									1.3	5.5
SE	.2	.4	.2	.2								1.1	7.1
SSE	.6	.4	.4	.5								1.3	6.9
S	1.9	2.2	1.3	.4	.1	.1						6.3	6.0
SSW	1.8	2.1	1.8	.1								5.8	5.3
SW	.6	1.9	2.6	.9	.5							6.5	8.2
WSW	.8	1.7	1.1	.2								3.8	6.0
W	.6	2.1	.8	.1	.2	.1						4.0	7.0
WNW	.7	1.5	3.0	3.2	.9	.2						9.6	10.6
NW	.2	1.9	3.8	5.0	1.2	.5						12.5	11.4
NNW	.5	1.9	3.0	2.0	.2	.2						7.8	9.2
VARBL													
CALM												15.8	
	11.5	26.6	25.7	15.8	3.3	1.3						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1375 STATION ANDREWS AFB MD 70,73-81 YEARS FEB MONTH
STATION NAME CLASS ALL WEATHER
CONDITION
HOURS (L.S.T.) 0900-1100

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.3	4.1	2.8		.1						8.9	9.7
NNE	.6	.9	1.5	.4								3.4	6.8
NE	.9	1.3	1.2	.6								4.0	6.5
ENE	.4	1.1	1.3	.5								3.2	7.0
E	.6	1.8	1.3	.1								3.8	5.9
ESE	.6	1.9	.2									2.7	4.6
SE	.6	.8	1.1	.5		.1	.1					3.2	8.4
SSE	.4	.1	.5	.1	.1	.1	.1					1.4	10.4
S	.7	1.4	1.7	.6	.2	.1						4.7	8.2
SSW	.5	1.3	1.2	2.1								5.1	8.8
SW	.9	2.5	3.1	1.9	.2							8.6	8.2
WSW	.8	1.7	1.8	.7	.4							5.3	7.8
W	.6	2.7	1.8	.7	.2	.1						5.4	7.9
WNW	.1	.7	2.4	4.1	1.3	.5						9.1	13.0
NW	.1	.7	3.5	7.4	2.6	.9						15.4	13.3
NNW	.1	.9	3.5	4.6	.7	.4						10.3	11.9
VARBL													
CALM												5.4	
	3.4	20.4	30.1	27.2	5.8	2.4	.2					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13715
STATION

ANDREWS AFB MD
STATION NAME

73, 73-81
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.7	3.7	1.2	.1							7.1	8.4
NNE	.4	1.4	.6	.6								3.0	7.2
NE		1.4	.9	.4								2.7	6.7
ENE	.6	.4	1.2	.4								2.5	7.0
E	.8	1.7	1.2	.1								3.8	5.6
ESE	.6	1.5	.4	.1								2.6	5.0
SE	.4	1.2	.9	.4	.1							3.0	7.2
SSE	.2	.6	.5	1.1		.1						2.5	10.2
S	.4	.9	3.3	1.2	.1	.1						6.0	9.2
SSW	.6	1.4	2.2	2.0	.1	.2						6.6	9.3
SW	.7	1.8	3.0	1.3	.5	.4						7.6	9.0
WSW	.4	.9	1.2	1.2	.1	.1						3.9	9.1
W	.5	1.5	3.4	2.6	.2	.1						8.4	9.6
WNW	.2	.8	3.9	5.1	1.3	.2						11.6	11.9
NW	.2	.8	3.5	7.8	3.0	1.3	.1					16.8	14.0
NNW	.4	1.5	3.0	3.1	.7	.4						9.0	10.8
VARBL													
CALM												3.1	
	6.7	19.6	32.9	28.4	6.3	3.0	.1					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS

846

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1375 STATION ANDREWS AFB MD 70,73-81 YEARS FEB NORTH
ALL WEATHER
CLASS
CONDITION
1500-1700
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.2	3.0	1.1	.1							7.2	7.7
NNE	.4	.8	1.7	.6								3.4	7.8
NE	.1	.4	1.7	.2								2.4	7.9
ENE	.2	1.2	.8	.4								2.6	6.6
E	.5	2.4	2.1	.4								5.3	6.6
ESE		1.5	1.2	.4								3.1	7.0
SE	.1	.5	.2	.2								1.1	7.6
SSE	.4	.9	.5	.4								2.1	6.3
S	.7	1.6	1.9	1.1	.2							5.7	8.1
SSW	.2	1.4	3.2	2.2	.4							7.4	9.7
SW	1.1	1.7	2.1	2.5	.5	.2						8.0	9.4
WSW	.6	1.3	1.8	.2	.1							4.0	7.0
W	.9	2.0	1.8	.9								5.7	7.3
WNW	.5	1.1	3.8	4.3	2.7	.6						12.9	12.6
NW	.5	2.1	5.0	6.3	2.6	.4						16.8	12.0
NNW		.6	3.4	3.2	1.2	.7						9.1	12.8
VARBL													
CALM												3.2	
	7.0	21.9	34.0	24.2	7.8	1.9						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1375
STATION

ANDREWS AFB MD
STATION NAME

70,73-81
YEARS

FEB
MONTH
1800-2000
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	5.1	3.5	.8								10.5	6.6
NNE	.6	1.3	.2	.5	.1							2.7	6.8
NE	.8	1.5	1.8	.2								4.4	6.1
ENE	.7	1.1	.6	.1								2.5	5.0
E	1.5	2.5	.9	.6								5.6	5.7
ESE	1.8	2.4	.7	.4								5.2	4.8
SE	1.2	1.3	.5	.1								3.1	4.7
SSE	.7	2.8	.7									4.3	5.1
S	1.7	4.0	1.5	.1	.2							7.6	5.7
SSW	.8	1.5	1.4	.5	.1							4.4	6.8
SW	.4	.8	1.5	1.1	.1	.1						4.0	9.2
WSW	.7	.5	.6	.1		.2						2.1	7.5
W	.4	1.4	1.4	.4	.1							3.7	7.3
WNW	.7	1.4	3.4	2.6	.7	.2						9.1	10.1
NW	.7	2.2	2.8	5.2	1.3	.9						13.2	12.0
NNW	.6	2.0	2.5	3.0	.5	.5						9.0	10.4
VARBL													
CALM												8.7	
	14.3	31.9	24.2	15.6	3.2	2.0						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1375
STATION

ANDREWS AFB MD
STATION NAME

70,73-81
YEARS

FEB
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.2	3.7	1.7	.1							10.5	7.0
NNE	.7	1.4	.5	.5								3.1	6.4
NE	.2	1.3	1.1	.6								3.2	7.2
ENE	.7	1.1	.9	.5								3.2	6.9
E	1.5	.8	.5	.1								3.0	4.4
ESE	1.3	1.2	.1									2.6	3.8
SE	.5	.4	.5	.2								1.5	6.1
SSE	1.7	2.2	1.3	.1								5.3	5.2
S	3.0	2.7	2.5	.6								8.7	5.4
SSW	.8	.9	1.8	.4								3.9	6.7
SW	.2	.8	1.5	.9	.4							3.9	9.6
WSW	.4	.4	.5	.5								1.7	7.6
W	.2	.7	.4	.7	.5							2.5	10.6
WNW	.2	1.2	3.0	2.8	1.3	.2						8.7	11.5
NW	.2	2.1	3.7	5.4	1.7	.5						13.6	11.7
NNW	.8	1.9	2.4	2.8	.9	.1	.1					9.1	10.5
VARBL													
CALM												15.5	
	14.4	22.3	24.1	17.8	4.8	.8	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

137.5 STATION ANDREWS AFB MD 70,73-81 YEARS FEB MONTH
STATION NAME CLASS ALL MONTHS (L.S.T.)
ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.3	3.5	1.7	.1	.0						9.6	7.7
NNE	.5	1.2	1.1	.4	.0							3.3	7.0
NE	.4	1.2	1.4	.4								3.4	6.8
ENE	.5	.9	.9	.2								2.6	6.2
E	1.0	1.6	1.0	.2								3.8	5.5
ESE	.7	1.3	.4	.1								2.5	4.9
SE	.5	.7	.5	.2	.0	.0	.0					1.9	6.6
SSE	.8	1.1	.7	.3	.1	.0	.0					2.9	6.5
S	1.7	2.3	1.9	.6	.1	.0						6.7	6.4
SSW	.8	1.5	1.8	1.0	.1	.0						5.2	7.7
SW	.7	1.7	2.3	1.3	.3	.1						6.4	8.6
WSW	.6	1.0	1.1	.4	.1	.0						3.2	7.4
W	.5	1.6	1.4	.8	.2	.1						4.7	8.0
WNW	.4	1.2	3.0	3.6	1.3	.3	.0					9.8	11.6
NW	.4	1.6	3.9	5.6	2.0	.7	.0					14.2	12.3
NNW	.4	1.5	2.9	2.9	.7	.3	.1					8.9	10.8
VARBL													
CALM												11.0	
	10.9	23.7	27.9	19.7	4.9	1.7	.2					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1375 STATION ANDREWS AFB MD 70,73-81 YEARS MAR
STATION NAME CLASS HOURS (L.S.T.)
0000-0200

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.0	3.1	1.8	.1							9.6	7.4
NNE	.8	1.6	.5	.2								3.1	5.5
NE	.9	1.7	.3	.4								3.3	5.5
ENE	.6	1.6	1.0									3.2	5.6
E	1.1	2.0	1.3	.1								4.5	5.5
ESE	1.2	1.5	.8									3.4	4.8
SE	.3	1.0	.2	.1	.3							1.9	7.5
SSE	.9	1.0	.8	.1								2.7	5.7
S	2.0	2.7	2.6	1.1	.1	.1						8.6	6.7
SSW	.8	2.0	2.5	1.1	.3							6.7	8.2
SW	.6	.9	1.2	1.3	.1	.1						4.2	8.8
WSW	.3	1.1	.9	.3								2.6	7.0
W	.9	2.3	1.3	1.1	.1	.1						5.7	7.4
WNW	.5	2.4	2.5	1.6	.8	.5						8.3	10.3
NW	.4	1.3	4.0	3.5	1.8	.4						11.5	11.8
NNW	.1	1.6	2.5	1.6	.1							5.9	9.0
VARBL													
CALM												14.7	
	12.9	27.6	25.3	14.4	3.8	1.3						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1375 STATION ANDREWS AFB MD 70,73-81 YEARS MAR MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.4	3.8	1.1								9.5	6.8
NNE	.3	1.3	1.1	.2								2.9	6.4
NE	.8	1.5	1.6	.1								4.0	6.1
ENE	1.1	1.3	1.7	.3								4.4	6.1
E	.5	2.3	1.3	.2	.1							4.4	6.2
ESE	1.0	1.3	.3									2.6	4.3
SE	.2	.6	.5	.2	.2							1.8	8.2
SSE	.1	.5	.3	.6								1.6	8.6
S	1.2	1.8	1.6	.4	.1							5.2	6.4
SSW	2.0	2.0	2.3	1.3	.1							7.7	6.8
SW	1.0	1.5	2.3	1.7	.2							6.7	8.2
WSW	.4	1.4	1.2	.4								3.4	6.7
W	.4	2.4	.5	.4	.3	.1						4.2	7.6
WNW	.3	1.3	2.8	2.4	.6	.3						7.7	10.9
NW	.4	1.3	3.1	3.9	.3	.5						9.6	11.0
NNW	.6	2.0	3.2	2.4	.4							8.7	9.1
VARBL													
CALM												15.6	
	11.6	26.0	27.6	15.7	2.5	1.0						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13705 STATION ANDREWS AFB MD 70,73-81 YEARS MAR MONTH
0600-0800 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.9	3.3	1.5								9.1	7.2
NNE	.5	1.4	1.8									3.8	6.4
NE	.8	1.4	2.0	.4	.1							4.7	7.0
ENE	.9	2.0	1.2	.4								4.5	6.2
E	1.4	1.9	1.2	.4								4.9	5.7
ESE	.3	1.9	.6	.2								3.1	5.8
SE	.4	.5	.3	.2	.2	.1						1.8	8.3
SSE	.5	.8	1.0	.2	.1							2.6	7.0
S	1.1	1.5	1.2	.4	.3							4.5	6.9
SSW	1.0	1.8	1.8	1.6	.1							6.3	8.0
SW	.4	2.0	2.6	1.4	.2	.1						6.8	8.6
WSW	.9	2.6	.5	.2								4.2	5.3
W	.6	2.4	2.2	.6	.2							6.0	7.4
WNW	.5	1.0	2.5	1.4	.9	.3						6.6	10.8
NW		1.4	4.5	3.3	1.5	.3						11.1	11.6
NNW	.4	1.4	3.4	2.0	.4							7.7	9.5
VARBL													
CALM												12.2	
	11.2	27.0	30.2	14.5	4.1	.9						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13705 STATION ANDREWS AFB MD 70,73-81 YEARS MAR MONTH
STATION NAME CLASS ALL WEATHER
CONDITION

0900-1100 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.5	2.9	2.2	.1							8.5	8.2
NNE	.6	1.2	.9	.9								3.5	7.1
NE	.3	1.2	1.3	.6	.2							3.7	7.9
ENE	.5	1.3	1.8	1.2								4.8	7.8
E	.8	2.2	1.8	.6								5.4	6.7
ESE	.8	1.4	1.2	.1	.1							3.5	6.3
SE	.4	.4	.6	.2	.2							1.9	8.1
SSE	.2	.6	1.1	.4								2.4	7.7
S	.8	1.3	2.0	1.5	.4	.1						6.1	9.0
SSW	.6	.9	3.1	1.2	.2							6.0	8.6
SW	1.0	1.9	3.2	1.8	.1	.1						8.2	8.4
WSW	.3	1.3	2.4	1.1	.2	.1						5.4	8.9
W	.5	1.0	1.7	.9	.8	.1						4.9	10.0
WNW	.8	.2	1.6	4.8	1.0	.3						8.7	12.3
NW	.4	1.2	3.9	5.8	2.6	.8	.3					14.9	13.1
NNW	.3	1.0	3.1	3.5	.3	.2						8.5	10.7
VARBL													
CALM												3.4	
	9.2	19.5	32.7	26.9	6.2	1.7	.3					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13705
STATION

ANDREWS AFB MD
STATION NAME

70,73-81
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.5	2.0	1.9	.1							6.5	8.5
NNE	.6	.6	1.2	.8								3.2	7.7
NE	.2	1.1	1.8	.5								3.7	7.8
ENE	.4	1.0	1.5	.5								3.4	7.8
E	.2	1.1	1.8	.4								3.5	7.5
ESE	.6	1.5	1.7	.2								4.1	6.6
SE	.4	.9	1.1	.6								3.0	7.8
SSE	.2	.5	.8	.5								2.0	7.5
S	.3	1.1	1.8	1.4	.4	.1						5.2	10.0
SSW	.2	1.9	2.4	2.0	.5							7.1	9.7
SW	.3	1.3	2.7	1.7	.2	.1	.1					6.5	10.2
WSW	.5	1.1	2.0	1.3	.1	.3	.1					5.5	10.0
W	.6	2.0	3.2	1.9	1.7	.1	.1					9.8	10.5
WNW	.9	1.1	2.9	4.1	2.4	.3						11.6	12.2
NW	.1	1.4	3.1	5.7	2.4	.5	.1					13.3	13.1
NNW	.5	.6	3.8	2.2	.2	.5						7.8	10.7
VARBL													
CALM												3.8	
	7.2	18.7	33.9	25.9	8.1	2.0	.4					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

137 5 ANDREWS AFB MD 70,73-81 MAR
STATION STATION NAME YEARS MONTH
ALL WEATHER 1500-1700
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.5	4.1	1.8	.2							8.0	9.1
NNE	.1	.8	1.3	.4								2.6	8.4
NE	.2	.1	1.8	.6								2.8	8.9
ENE	.4	1.0	.9	.1								2.4	6.4
E	.4	1.8	1.7	.6								4.6	7.0
ESE	.5	2.4	2.6	.1	.1							5.7	6.5
SE	.2	.6	1.8	.8	.1							3.5	8.7
SSE	.4	.5	1.5	1.1								3.5	8.6
S	.5	1.9	2.7	.6	.3							6.1	7.9
SSW	.6	.9	2.3	2.6	.3							6.7	10.0
SW	.3	.8	3.2	2.2		.1	.1					6.7	9.8
WSW	.3	1.8	1.4	.9	.2	.1	.1					4.8	8.9
W	.4	1.7	1.8	1.8	.1	.4						6.3	10.1
WNW	.5	1.3	2.8	3.5	1.5	.9	.2					10.8	12.8
NW	.3	.8	4.1	5.9	1.9	1.0						14.0	12.8
NNW	.1	1.0	2.2	3.4	1.7	.2						8.6	12.6
VARBL													
CALM												2.9	
	5.9	18.8	36.1	26.6	6.6	2.7	.4					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13705 ANDREWS AFB MD 70, 73-81 MAR
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 1800-2000
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	3.3	3.9	1.2	.1							10.1	7.1
NNE	.3	.5	1.5	.6								3.0	8.4
NE	.1	1.0	.6	.1								1.8	6.3
ENE	.5	.6	1.3	.2								2.7	6.8
E	1.5	2.5	2.2	.2								6.4	5.7
ESE	1.0	2.4	1.9									5.3	5.7
SE	1.1	2.9	2.0	.6								6.7	6.7
SSE	.9	3.7	2.9	.4		.1						8.0	6.8
S	1.1	3.1	1.6	.6								6.5	6.2
SSW	.4	1.7	1.6	.5	.3							4.6	8.0
SW	.2	1.1	2.0	1.0								4.3	8.7
WSW	.5	.9	.5	.1		.1						2.2	6.6
W	.6	.4	.5	.4	.2	.1	.1					2.5	9.8
WNW	.4	1.4	2.0	3.9	1.1	.8						9.6	12.3
NW	.3	.9	3.7	4.5	1.5	.4	.1					11.4	12.6
NNW	.6	1.6	2.9	2.9	.4	.2						8.7	10.3
VARBL													
CALM												6.4	
	11.3	28.0	31.3	17.4	3.7	1.7	.2					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13705
STATION

ANDREWS AFB MD

STATION NAME

70,73-81

YEARS

MAP

NORTH

ALL WEATHER

CLASS

2100-2300

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.7	3.2	1.3	.4							8.6	7.9
NNE	.2	1.1	.9	.3								2.5	6.9
NE	.3	1.4	1.3	.3								3.3	6.8
ENE	.4	1.3	1.1									2.8	6.3
E	1.3	1.7	2.0	.1								5.2	5.7
ESE	1.5	1.6	1.1	.2								4.4	5.0
SE	.6	1.7	1.0	.3	.1							3.8	6.7
SSE	1.2	3.0	2.4	.4								7.0	6.4
S	1.2	3.7	3.4	1.3	.1							9.7	7.3
SSW	.5	.8	1.8	.5	.3							4.0	8.6
SW	.5	.5	1.8	.6	.1							3.7	8.3
WSW	.5	.8	.3	.4	.3							2.4	8.0
W	.9	1.3	.6	.5	.2							3.5	6.9
WNW	.1	1.6	2.7	3.4	.6	.3						8.8	11.1
NW	.2	2.0	2.8	4.4	1.2	.4	.1					11.2	11.9
NNW	.3	2.0	1.7	2.0	.4	.1						6.7	9.5
VARBL													
CALM												12.6	
	10.9	27.2	28.2	16.3	3.9	.9	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13795 ANDREWS AFB MD 70,73-81 MAP MONTH ALL HOURS (L.S.T.)

STATION STATION NAME YEARS

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.6	3.3	1.6	.1							8.7	7.7
NNE	.4	1.1	1.1	.4								3.1	7.1
NE	.4	1.2	1.4	.4	.0							3.4	7.0
ENE	.6	1.3	1.3	.3								3.5	6.7
E	.9	1.9	1.7	.3	.0							4.9	6.2
ESE	.9	1.7	1.3	.1	.0							4.0	5.7
SE	.5	1.1	1.0	.4	.1	.0						3.1	7.5
SSE	.6	1.3	1.3	.5	.0	.0						3.7	7.0
S	1.0	2.1	2.1	.9	.2	.0						6.5	7.5
SSW	.8	1.5	2.2	1.4	.3							6.1	8.5
SW	.6	1.3	2.4	1.5	.1	.1	.0					5.9	8.9
WSW	.5	1.4	1.2	.6	.1	.1	.0					3.8	8.0
W	.6	1.7	1.5	1.0	.5	.1	.0					5.4	8.9
WNW	.5	1.3	2.5	3.1	1.1	.5	.0					9.0	11.7
NW	.3	1.3	3.6	4.6	1.7	.6	.1					12.1	12.3
NNW	.4	1.4	2.8	2.5	.5	.2						7.8	10.3
VARBL													
CALM												8.9	
	10.0	24.1	30.7	19.7	4.8	1.5	.2					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13705
STATION

ANDREWS AFB MD
STATION NAME

70,73-81
YEARS

APR
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	3.1	2.3	.4								6.7	6.2
NNE	1.1	2.1	.9	.1								4.2	5.2
NE	.4	1.4	1.1	.2	.2							3.4	7.3
ENE	.4	1.2	1.0	.3								3.0	6.7
E	.4	2.1	1.2	.6								4.3	6.7
ESE	.7	1.1	.3									2.1	4.6
SE	1.1	.9	.7	.1								2.8	4.8
SSE	.9	2.2	.4	.2								3.8	5.2
S	2.7	3.1	.7	.6	.1							7.1	4.9
SSW	2.3	2.4	2.3	1.0								8.1	6.2
SW	.4	1.6	2.7	1.7	.3							6.7	9.1
WSW	.8	2.2	.9									3.9	5.2
W	1.2	3.7	1.3	.1								6.3	5.3
WNW	.1	1.2	2.6	1.3	.4	.8						6.4	11.6
NW	.2	1.4	3.3	2.6	.8	.1						8.4	10.2
NNW	.3	1.6	2.6	1.4	.2							6.1	9.1
VARBL													
CALM												16.6	
	14.0	31.4	24.3	10.7	2.1	.9						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1375 STATION ANDREWS AFB MD 70,73-81 YEARS APR MONTH
0300-0500 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.7	1.9	.7								7.3	6.0
NNE	1.1	2.6	.4	.2	.2							4.6	5.5
NE	.4	1.4	1.3	.3	.1	.1						3.8	7.4
ENE	1.1	1.8	1.7	.2	.1							4.9	6.3
E	1.1	1.3	1.4	.2								4.1	5.8
ESE	.4	.9	.2									1.6	4.6
SE	.7	.3	.2	.1								1.3	4.6
SSE	1.0	.7	.1	.1								1.9	3.9
S	2.0	1.7	.9	.4	.1							5.1	5.3
SSW	1.7	2.2	1.8	1.7	.1							7.4	7.2
SW	.6	2.2	2.4	1.0	.1							6.3	7.6
WSW	.6	1.4	.4	.4								2.9	6.1
W	1.7	3.4	1.1	.2								6.4	5.3
WNW	.4	1.6	3.3	1.8	.1	.2	.3					7.8	10.3
NW	.6	.7	4.2	2.6	.6	.3						8.9	10.8
NNW	.7	1.9	1.4	.8	.1							4.9	7.1
VARBL													
CALM												20.8	
	15.1	27.8	23.0	10.8	1.6	.7	.3					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13705
STATION

ANDREWS AFB MD
STATION NAME

70, 73-81
YEARS

APR
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.2	3.3	.8	.3	.1						9.6	7.1
NNE	.3	1.2	.9	.1	.1							2.7	6.5
NE	.9	1.0	1.4									3.3	5.7
ENE	.6	1.8	2.1	.8								5.2	7.5
E	.8	2.0	1.9	.6								5.2	6.7
ESE	.4	1.0	.7	.1								2.2	5.8
SE	.3	.8	.3									1.4	4.8
SSE	.7	.7	.4	.2								2.0	5.6
S	1.3	1.1	1.1	.3	.2	.1						4.2	6.9
SSW	.7	2.3	2.0	1.4	.1							6.6	7.8
SW	.2	2.2	3.0	1.7	.1							7.2	8.8
WSW	.9	2.3	2.1	.3								5.7	6.7
W	1.0	3.3	1.8	.3	.2							6.7	6.3
WNW	.9	1.4	3.0	2.9	.3	.2	.2					9.0	10.2
NW	.3	1.1	2.9	3.8	.7	.1						8.9	10.9
NNW	.8	2.2	2.3	2.0								7.3	8.1
VARBL													
CALM												12.8	
	11.9	27.8	29.3	15.3	2.1	.6	.2					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13705 ANDREWS AFB MD 70, 73-81 APR
STATION STATION NAME YEARS MONTH
ALL WEATHER 0900-1100
CLASS HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.9	3.1	2.0	.4							8.8	8.4
NNE	.7	1.7	.8	.7								3.8	6.8
NE	.7	1.0	1.0	.2								2.9	6.4
ENE	.3	2.2	1.2	.4								4.2	7.0
E	.6	1.9	2.8	.7								5.9	7.5
ESE	.3	1.3	1.1	.1								2.9	6.1
SE	.2	.8	.6	.1								1.7	6.1
SSE	.9	.4	.9	.4								2.7	6.4
S	.3	.7	1.8	.7	.1	.1						3.7	9.0
SSW	.6	.7	2.3	1.9								5.4	9.1
SW	.4	1.9	2.9	2.9	.2	.1						8.4	9.6
WSW	.2	1.2	3.1	1.7								6.2	8.9
W	.8	1.7	2.4	1.8		.1						6.8	8.4
WNW	.2	1.8	2.8	5.7	1.7	.3	.1					12.6	12.3
NW	.3	1.8	4.2	4.3	.8	.4						11.9	11.1
NNW	.7	1.2	2.1	3.3	.4	.1						7.9	10.5
VARBL													
CALM												4.3	
	8.6	22.1	33.1	26.9	3.7	1.2	.1					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13705
STATION

ANDREWS AFB MD
STATION NAME

70, 73-81
YEARS

APR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.2	2.4	2.2	.3							7.8	8.9
NNE	.7	1.0	.9	.3	.1							3.0	6.8
NE	.3	.6	.6	.2								1.7	6.7
ENE	.2	1.6	1.2	.2	.2							3.4	7.7
E	.6	1.6	1.3	.7	.1							4.2	7.4
ESE	.3	1.3	1.3	.4								3.4	7.3
SE	.7	.7	.9	.7								2.9	7.2
SSE	.2	.7	.8	.7								2.3	8.6
S	.8	1.0	1.6	1.3		.1						4.8	8.6
SSW	1.1	1.4	3.0	1.8	.1	.1						7.6	8.6
SW	.6	1.1	2.8	2.4	.6	.1						7.6	10.0
WSW	.6	1.0	2.4	1.7	.2	.1						6.0	9.4
W	.9	1.7	3.4	2.1	.6	.1						8.8	9.0
WNW	.4	1.7	3.9	5.3	1.8	.1	.4	.1				13.8	12.4
NW	.6	1.4	3.9	5.0	1.6	.7						13.1	12.0
NNW	.6	1.3	2.0	2.9	.3	.2						7.3	10.5
VARBL													
CALM												2.3	
	9.0	20.2	32.4	28.0	5.9	1.6	.4	.1				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13705
STATION

ANDREWS AFB MD
STATION NAME

70,73-81
YEARS

APR
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.0	1.7	2.3	.2							5.3	10.6
NNE	.8	1.0	.7	.1	.1							2.7	5.8
NE	.2	.9	.2	.1								1.4	5.9
ENE	.2	.9	1.2	.6	.1							3.0	8.3
E	.3	1.6	2.4	.6								4.9	7.3
ESE	.7	1.2	2.4	.6								4.9	7.5
SE	.8	1.4	1.6	1.3								5.1	7.8
SSE	.1	.8	1.0	.6								2.4	8.4
S	.2	.6	2.8	1.1								4.7	8.9
SSW	.8	1.2	3.2	1.7	.1							7.0	8.7
SW	.6	1.0	2.6	3.2	.6							7.9	10.5
WSW	.8	1.3	1.7	1.2	.1	.3						5.4	9.1
W	1.3	1.8	3.1	1.0	.2							7.4	7.6
WNW	.2	1.0	3.1	4.8	1.9	.6	.2					11.8	13.0
NW	.3	1.3	4.9	5.6	2.3	.6						15.0	12.3
NNW	.3	.8	2.9	3.2	.3							7.6	10.6
VARBL													
CALM												3.4	
	7.8	17.8	35.4	27.9	6.0	1.4	.2					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13755 ANDREWS AFB MD 70,73-81 APR

STATION STATION NAME YEARS

ALL WEATHER 1800-2000

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	4.2	2.4	1.3	.2							9.2	7.1
NNE	.7	1.1	.4	.2								2.4	5.5
NE	.2	.9		.3								1.4	6.6
ENE	.1	.9	1.0	.6								2.6	7.8
E	1.7	4.0	2.8	.3								8.8	5.7
ESE	1.1	3.9	1.8	.1								6.9	5.5
SE	.8	1.9	2.8	1.0	.1							6.6	7.7
SSE	.8	2.1	2.7	.2								5.8	6.6
S	1.0	3.7	2.3	.7								7.7	6.2
SSW	.4	2.0	1.6	.7								4.7	6.9
SW	.1	1.1	1.4	.9	.1							3.7	8.9
WSW	.6	1.1	.7	.4								2.8	6.3
W	.9	1.9	1.1	.8	.4	.1						5.2	8.3
WNW	.2	.8	2.0	2.6	1.0	.6						7.1	12.7
NW	.1	1.0	2.7	4.3	1.7	.4						10.2	12.7
NNW	.2	1.7	3.0	2.6	.8	.1						8.3	10.2
VARBL													
CALM												6.7	
	9.9	32.2	28.7	17.0	4.3	1.2						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13705
STATION

ANDREWS AFB MD
STATION NAME

70,73-81
YEARS

APR
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.9	2.1	.9								8.3	6.2
NNE	.8	.6	1.1									2.4	5.6
NE	1.0	1.3	.1	.2								2.7	5.0
ENE	.6	1.4	.9	.2								3.1	5.8
E	1.1	2.2	1.9	.3								5.6	6.2
ESE	1.1	1.2	.7									3.0	4.6
SE	.9	1.7	1.1	.9								4.6	6.8
SSE	1.3	2.2	2.0	.3								5.9	5.9
S	3.0	6.8	2.8	.6								13.1	5.4
SSW	1.2	2.1	1.7	1.2								6.2	6.9
SW	.7	1.1	1.1	1.1								4.0	7.9
WSW	.9	.9	.7	.3								2.8	6.0
W	.9	2.1	1.2	.4	.1	.1						4.9	7.3
WNW		1.6	3.0	1.8	.6	.3	.1					7.3	10.8
NW	.1	.4	2.8	4.2	.8							8.3	11.8
NNW		1.1	1.0	2.1	.3							4.6	10.6
VARBL													
CALM												13.2	
	15.0	30.7	24.1	14.7	1.8	.4	.1					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13705
STATION

ANDREWS AFB MD
STATION NAME

70,73-81
YEARS

APR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.9	2.4	1.3	.2	.0						7.9	7.5
NNE	.8	1.4	.8	.2	.1							3.2	6.0
NE	.5	1.1	.7	.2	.0	.0						2.6	6.4
ENE	.4	1.5	1.3	.4	.1							3.7	7.1
E	.8	2.1	2.0	.5	.0							5.4	6.6
ESE	.6	1.5	1.1	.2								3.4	6.0
SE	.7	1.1	1.0	.5	.0							3.3	6.8
SSE	.7	1.2	1.0	.3								3.3	6.3
S	1.4	2.3	1.7	.7	.1	.0						6.3	6.4
SSW	1.1	1.8	2.2	1.4	.1	.0						6.6	7.7
SW	.4	1.5	2.4	1.9	.2	.0						6.5	9.2
WSW	.7	1.4	1.5	.8	.0	.1						4.5	7.6
W	1.1	2.4	1.9	.8	.2	.1						6.6	7.3
WNW	.3	1.4	3.0	3.3	1.0	.4	.2	.0				9.5	11.8
NW	.3	1.2	3.6	4.0	1.1	.3						10.6	11.6
NNW	.4	1.5	2.2	2.3	.3	.1						6.7	9.7
VARBL													
CALM												10.0	
	11.4	26.2	28.8	18.9	3.4	1.0	.2	.0				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1375
STATION

ANDREWS AFB MD
STATION NAME

70,73-81
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.8	1.2	.3								5.9	5.6
NNE	.4	1.5	1.1									3.0	5.8
NE	.9	1.4	1.0	.1								3.3	5.4
ENE	1.5	.6	1.0									3.1	4.8
E	1.6	1.5	.8	.1								4.0	4.6
ESE	.6	1.5	.3									2.5	4.4
SE	.4	.9	.9									2.2	5.9
SSE	.9	1.9	1.2									4.0	5.2
S	4.8	4.2	2.4	1.1								12.5	5.0
SSW	1.9	3.2	2.3	.5								8.0	5.9
SW	1.4	2.9	1.8	.3								6.5	5.7
WSW	1.1	2.6	1.2									4.8	5.0
W	1.1	2.8	.4									4.3	4.4
WNW	1.0	1.1	1.3	.8								4.1	6.7
NW	.3	2.0	1.8	1.3								5.5	7.8
NNW	.8	.8	1.7	1.1								4.3	8.1
VARBL													
CALM												22.1	
	20.3	31.8	20.2	5.6								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13705 ANDREWS AFB MD 70,73-81 MAY
STATION STATION NAME YEARS MONTH
ALL WEATHER 0300-0500
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	3.3	.9	.3								6.8	4.8
NNE	1.0	2.3	.3									3.5	4.3
NE	1.5	2.0	1.4	.1								5.1	5.2
ENE	1.6	.8	.9									3.2	4.4
E	1.0	1.4	.3									2.7	4.3
ESE	.3	1.2										1.5	4.4
SE	.3	.5	.8									1.6	6.3
SSE	.4	1.6	.2									2.3	4.8
S	3.0	3.2	1.7	.5								8.5	5.0
SSW	1.8	2.2	2.8	.8								7.5	6.3
SW	1.7	2.6	1.3	.4								6.0	5.3
WSW	1.2	1.7	1.3									4.2	5.1
W	1.8	2.9	.8									5.5	4.4
WNW	.6	1.5	1.2									3.3	5.7
NW	.9	2.0	2.5	.9	.1							6.3	7.2
NNW	1.0	1.5	1.5	.9	.1							4.9	7.2
VARBL													
CALM												27.0	
	20.4	30.8	17.7	3.9	.2							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17705
STATION

ANDREWS AFB MD
STATION NAME

70,73-81
YEARS

MAY
MONTH
0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	3.7	2.2	.1	.2							8.5	5.6
NNE	1.3	1.7	2.0									5.1	5.7
NE	1.5	1.9	2.4	.2								6.0	6.0
ENE	1.5	1.5	.6									3.7	4.5
E	2.0	2.3	.9	.1								5.3	4.8
ESE	.8	1.4	.4									2.6	5.0
SE	.6	1.0	.2									1.8	4.4
SSE	.2	.8	.5	.1								1.6	6.2
S	1.6	3.1	1.8	1.0								7.5	6.3
SSW	1.5	2.6	3.7	1.2								8.9	7.0
SW	1.7	2.9	2.3	.8								7.6	6.3
WSW	1.1	1.6	1.2	.1								4.0	5.1
W	1.5	3.1	1.9	.2								6.8	5.5
WNW	1.1	2.0	1.7	.6	.1							5.6	6.5
NW	1.2	1.5	2.2	2.2	.2							7.2	8.8
NNW	1.3	1.7	1.5	1.1	.2							5.8	7.6
VARBL													
CALM												12.0	
	21.3	32.8	25.5	7.6	.8							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1375
STATION

ANDREWS AFB MD

STATION NAME

70,73-81

YEARS

MAY
MONTH

ALL WEATHER

CLASS

0900-1100

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.9	3.3	1.1	.1							7.5	7.4
NNE	.8	1.5	1.6									3.9	5.9
NE	1.8	2.7	1.3									5.6	4.9
ENE	.3	1.9	1.6	.3								4.2	7.0
E	1.2	3.1	2.2	.1								6.6	5.6
ESE	.9	2.2	1.0	.1								4.1	5.5
SE	.4	1.6	1.4									3.4	6.0
SSE	.8	.4	.8	.2								2.2	6.0
S	.8	2.4	2.6	1.6								7.3	7.8
SSW	1.3	2.4	4.6	1.7								10.0	7.9
SW	1.1	2.3	4.3	1.1								6.7	7.4
WSW	.9	1.7	1.6	1.1								5.3	7.0
W	.6	3.0	1.4	.5								5.6	6.2
WNW	.9	1.8	2.6	1.8	.2							7.3	8.2
NW	.4	1.5	2.6	2.6	.9	.2						8.2	10.8
NNW	.6	.9	3.8	1.5	.3							7.1	9.3
VARBL													
CALM												2.9	
	13.8	31.3	36.6	13.8	1.5	.2						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

137.5 STATION ANDREWS AFB MD 70,73-81 YEARS MAY MONTH
1200-1400 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.1	2.0	.5								7.6	5.9
NNE	.6	1.5	1.3									3.4	5.7
NE	1.1	1.9	1.3									4.3	5.5
ENE	.3	1.6	.9	.3								3.1	6.4
E	.6	2.4	2.7									5.7	6.5
ESE	.8	1.8	1.3	.1								4.0	5.9
SE	.8	1.9	1.3	.2								4.2	5.9
SSE	.4	1.7	2.0	.5								4.7	7.3
S	1.1	2.8	4.1	1.4	.1							9.5	7.8
SSW	.4	2.5	4.7	2.8								10.4	8.7
SW	.6	1.5	3.2	1.3								6.7	8.0
WSW	.6	2.0	1.3	1.0								4.9	7.3
W	.5	1.3	2.0	.8	.1							4.7	8.0
WNW	.9	1.1	2.4	2.2	.4		.1					6.9	10.0
NW	.3	1.0	3.8	3.5	.4							9.0	10.5
NNW	.5	1.3	2.4	2.6	.4							7.2	9.6
VARBL													
CALM												3.5	
	11.5	29.5	36.7	17.2	1.5		.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 930

ALL VALUES ARE ABSOLUTE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13775
STATION

ANDREWS AFB MD
STATION NAME

70, 73-81
YEARS

MAY
MONTH
1500-1700
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.4	3.6	.8	.1							7.6	7.4
NNE	1.3	1.8	.5	.2								3.9	4.7
NE	.5	1.1	.4									2.5	5.1
ENE	.3	1.7	.6	.1								2.8	6.1
E	1.4	3.1	2.5	.3								7.3	6.0
ESE	1.1	3.	3.2	.1								7.4	6.3
SE	.3	2.3	1.8	.4								4.8	6.7
SSE	.3	1.4	1.8	1.0								4.5	8.2
S	.4	3.1	4.6	2.7								10.9	8.5
SSW	.4	1.8	5.0	2.6	.2							10.0	8.9
SW	.5	1.8	2.4	1.6								6.4	8.3
WSW	.3	1.2	1.5	.3								3.3	6.9
W	1.7	1.4	2.3	.9	.1							5.6	7.4
WNW	.6	1.4	1.9	2.0	.1	.1						6.2	9.4
NW	.1	1.7	3.0	2.7	.9	.1						8.5	10.7
NNW	.3	1.6	2.6	.6	.2	.2						5.6	8.9
VARBL													
CALM												3.0	
	9.9	30.9	37.8	16.4	1.6	.4						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

15705
STATION

ANDREWS AFB MD
STATION NAME

70,73-81
YEARS

MAY
MONTH

ALL WEATHER
CLAS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.8	1.9	.6		.1						7.3	6.1
NNE	.6	.9	.3									1.8	4.2
NE	.4	1.2	.7									1.9	4.8
ENE	.8	1.7	.9	.2								2.8	5.8
E	1.5	3.3	1.6	.3								6.8	5.6
ESE	.3	4.7	2.2	.2								9.4	5.3
SE	.6	3.7	2.6	.4								7.3	6.3
SSE	1.2	3.4	2.8	.9								8.3	6.6
S	.2	6.7	2.7	.4								12.4	5.2
SSW	1.5	2.3	3.7	.5								8.3	6.8
SW	.9	2.9	1.1	.3		.1						5.3	6.0
WSW	1.0	.5	.9	.1								2.5	5.3
W	1.2	1.2	.4									2.8	4.2
WNW	.6	1.7	.8	.6								3.0	7.1
NW	.5	.9	2.6	.9	.1							5.0	8.4
NNW	.3	1.5	1.8	1.3	.4							5.4	9.1
VARBL													
CALM												10.0	
	18.5	37.3	26.5	6.9	.5	.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

18705
STATION

ANDREWS AFB MD
STATION NAME

77, 73-81
YEARS

MAY
MONTH
2100-2300
HOURS (LST)

ALL WEATHER

CLASS

CONDITION

SPEED KNTS/ DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.8	1.4	.6								5.1	6.2
NNE	.6	.9	.4	.1								2.0	5.4
NE	.4	1.0	.2	.2								1.8	5.8
ENE	.6	1.6	.8	.1								3.1	5.5
E	1.1	2.9	.4									4.4	4.6
ESE	1.4	2.6	.3	.1								4.4	4.4
SE	1.2	2.1	1.5									4.7	5.5
SSE	1.5	3.0	2.8	.2								7.6	5.9
S	4.5	8.7	3.6	.1								16.9	4.9
SSW	1.4	2.9	1.6	.5								6.5	6.1
SW	1.7	2.2	1.5	.2								4.9	5.8
WSW	.9	1.3	.8	.1								3.0	5.1
W	2.4	1.3	.8									4.4	4.1
WNW	.6	.9	.6	.1								2.3	5.6
NW	.5	.9	2.2	.4	.1							4.1	7.8
NNW	.1	1.1	1.5	.6	.1							3.5	8.4
VARBL													
CALM												21.3	
	19.5	35.1	20.4	3.6	.2							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17705
STATION

ANDREWS AFB MD
STATION NAME

70, 73-81
YEARS

MAY
MONTH

ALL WEATHER
CLASS

ALL
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.7	2.1	.6	.1	.0						7.0	6.2
NNE	.8	1.5	1.0	.0								3.3	5.3
NE	1.0	1.7	1.0	.1								3.8	5.3
ENE	.9	1.3	.9	.1								3.3	5.6
E	1.3	2.5	1.4	.1								5.3	5.4
ESE	1.0	2.3	1.1	.1								4.5	5.4
SE	.6	1.7	1.3	.1								3.8	6.0
SSE	.7	1.8	1.5	.4								4.4	6.5
S	2.4	4.2	2.9	1.1	.1							10.7	6.1
SSW	1.3	2.5	3.5	1.3	.1							8.7	7.3
SW	1.1	2.4	2.2	.8		.0						6.5	6.7
WSW	.9	1.6	1.2	.3								4.0	5.9
W	1.3	2.1	1.3	.3	.1							5.0	5.6
WNW	.8	1.3	1.6	1.0	.1	.0		.0				4.8	7.9
NW	.5	1.4	2.6	1.8	.3	.1						6.7	9.3
NNW	.6	1.3	2.1	1.2	.2	.0						5.5	6.6
VARBL													
CALM												12.7	
	16.9	32.4	27.7	9.4	.8	.1		.0				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

7433

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

17705
STATION

ANDREWS AFB MD

STATION NAME

69-70, 73-80

YEARS

JUN

MONTH

ALL WEATHER

CLASS

0000-0200

HOURLS (L.S.T.)

CONDITION

SPEED KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.9	1.1	.2								4.7	5.2
NNE	.6	1.1										1.7	3.9
NE	.3	1.2	.4									2.0	5.3
ENE	.6	.4	.1									1.1	3.9
E	.9	1.2	.1									2.2	3.8
ESE	.7	.6	.1									.9	4.8
SE	.7	.6										1.2	3.2
SSE	1.6	2.2	1.3	.1								5.4	4.9
S	1.7	7.9	3.7	.3								18.6	4.7
SSW	2.4	2.2	3.6	1.0								9.2	6.4
SW	1.2	3.7	2.1	.2								7.4	5.7
WSW	1.2	1.1	1.3	.2								3.8	5.8
W	1.4	3.4	1.0	.1								6.0	4.7
WNW	.8	1.4	.2									2.4	4.1
NW	.2	1.6	1.1	.3								3.2	6.9
NNW	.4	2.0	1.6	.1								4.1	6.1
VARBL													
CALM												26.0	
	20.9	32.7	17.8	2.7								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1375
STATION

ANDREWS AFB MD
STATION NAME

69-70, 73-80
YEARS

JUN
MONTH
J300-0500
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	3.8	1.7	.2								7.2	5.3
NNE	.8	1.1	.2	.2								2.3	4.7
NE	.5	1.2	.4	.1								2.1	5.3
ENE	.6	.4										1.0	3.3
E	1.1	.4	.4									2.3	4.4
ESE	.1	.4										.6	4.2
SE	.8	.4										1.2	3.0
SSE	.7	2.1	.1									2.9	4.4
S	4.2	6.1	2.6	.7								13.6	5.0
SSW	1.7	4.1	2.0	.4								8.1	5.7
SW	1.6	3.8	3.7	.6								9.6	6.3
WSW	2.1	2.4	.7	.2								5.4	4.5
W	2.7	2.6	.8									5.6	4.1
WNW	.6	1.2	1.1	.2								3.1	6.0
NW	.9	1.7	.8	.7		.1						4.1	7.0
NNW	.2	1.2	1.0	.1								2.6	6.8
VARBL													
CALM												28.3	
	19.1	33.6	15.4	3.4		.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

107.5 STATION ANDREWS AFB MD 69-70,73-80 YEARS JUN MONTHS 0600-0800 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.9	4.1	.9								8.6	7.2
NNE	1.0	1.6	1.3	.3								4.2	5.8
NE	.1	1.0	1.3	.3								3.6	6.8
ENE	.9	.8	.8									2.4	4.8
E	.3	.8	.2									1.3	4.7
ESE	.7	.7	.3									1.7	4.7
SE	.6	.1		.1								.8	3.9
SSE	1.7	.8	.9									3.3	4.6
S	1.4	4.7	3.7	.8								10.6	6.3
SSW	1.2	2.9	4.0	1.2								9.3	7.2
SW	1.2	3.9	5.8	1.2								12.1	7.1
WSW	2.0	2.7	3.3	.1								8.1	5.8
W	1.6	3.3	.7	.1								5.7	4.7
WNW	.8	.9	1.8	.3								3.8	6.7
NW	.6	2.3	1.7	1.6								6.1	7.6
NNW	.2	1.0	1.8	.8								3.8	8.1
VARBL													
CALM												14.7	
	14.9	31.0	31.7	7.8								100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13775 STATION ANDREWS AFB MD 69-70,73-80 YEARS JUN MONTH
STATION NAME CLASS 0900-1100 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.8	4.6	1.2								9.4	7.6
NNE	.3	1.3	2.2									3.9	7.0
NE	.9	1.4	1.7	.6	.1							4.7	6.9
ENE	.4	1.4	1.7	.4								4.0	7.2
E	.8	1.1	1.0									2.9	5.7
ESE	1.1	1.0	.9									3.0	4.9
SE	.3	1.2	.9									2.4	5.9
SSE	.6	1.7	1.3	.1								3.7	5.9
S	1.1	3.6	4.1	1.2								10.0	7.2
SSW	1.2	1.6	6.3	2.2								11.3	8.0
SW	1.5	2.4	4.4	1.4								9.9	7.4
WSW	.7	3.7	3.0	.9								8.2	6.9
W	1.4	2.4	2.6	.2								6.7	5.9
WNW	.2	1.8	1.9	1.2								5.1	8.2
NW	.1	1.6	2.7	2.1	.2	.1						6.8	9.8
NNW		.9	1.3	1.6								3.8	9.9
VARBL													
CALM												4.2	
	11.7	29.9	40.6	13.2	.3	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1375 STATION ANDREWS AFB MD 69-70, 73-80 YEARS JUN
STATION NAME NORTH
1200-1400
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.4	1.8	1.4	.1							6.6	7.7
NNE	.3	1.4	2.8	.2								4.8	7.2
NE	.4	1.4	2.2	.4								4.6	7.3
ENE	.2	1.0	.8	.2								2.2	7.0
E	.1	1.6	2.3	.2								4.2	7.2
ESE	.7	1.9	1.2									3.8	5.6
SE	.2	1.6	1.3	.2								3.3	6.7
SSE	.6	.8	2.0	.3								3.7	7.3
S	1.0	3.3	6.3	2.0								12.7	8.0
SSW	.8	2.9	6.1	2.4								12.2	8.3
SW	1.2	1.7	4.4	1.7	.2							9.2	8.2
WSW	.3	1.4	3.3	.9								6.0	8.3
W	1.1	1.9	2.2	.7								5.9	6.4
WNW	.3	.9	2.8	.8	.3	.1						5.1	9.3
NW	.3	1.6	2.2	3.1	.2	.1						7.6	10.3
NNW	.3	1.1	1.6	1.2	.2							4.4	8.8
VARBL													
CALM												3.7	
	9.8	26.9	43.4	15.9	1.1	.2						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

137.05 ANDREWS AFB MD 69-70,73-80 JUN
STATION STATION NAME YEARS MONTH
ALL WEATHER 1500-1700
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.1	3.3	.9								6.9	7.5
NNE	.8	.8	1.7	.4								3.7	7.0
NE	.3	1.0	1.7	.1								3.1	6.8
ENE	.1	1.1	1.4	.1								2.8	6.8
E	.2	2.1	2.1	.1								4.6	6.7
ESE	.4	1.7	2.8	.3								5.2	7.0
SE	.1	1.2	2.4	.6								4.3	7.9
SSE	.7	1.2	3.3	.8	.1	.1						6.2	8.1
S	.4	3.2	8.4	2.8	.1							15.0	8.6
SSW	.2	2.3	5.7	2.8	.1							11.1	9.0
SW	.6	2.4	5.1	1.9								10.0	8.1
WSW	.2	1.6	3.0	1.0								5.8	8.2
W	.1	1.4	1.8	.2			.1					3.7	7.9
WNW	.1	1.3	2.0	1.0	.2							4.7	8.8
NW	.2	1.4	1.1	2.7	.7							6.1	10.9
NNW	.6	.6	2.3	1.8	.1							5.3	9.3
VARBL													
CALM												1.6	
	5.7	25.6	48.2	17.4	1.3	.1	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13705 ANDREWS AFB MD 69-70,73-80 JUN
STATION STATION NAME YEARS MONTH
ALL WEATHER 1800-2000
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.7	1.8	.6	.1							6.1	6.7
NNE	.3	1.1	.6	.1								2.1	5.9
NE	.7	1.0	1.2	.1								3.0	5.9
ENE	.6	1.4	.9									2.9	5.4
E	1.6	2.6	1.3	.1								5.6	5.1
ESE	1.4	3.1	1.4									6.0	4.6
SE	1.1	3.1	1.8									6.0	5.5
SSE	.8	5.7	4.4	.7								11.6	6.8
S	2.1	8.6	5.6	1.2	.2							17.7	6.4
SSW	1.4	2.0	3.7	.3								7.4	6.4
SW	1.4	2.2	1.9	.2								5.8	5.6
WSW	.7	1.4	.8	.1								3.0	5.6
W	.8	1.7	.4	.1								3.0	4.9
WNW	.2	1.3	1.2	.1								2.9	6.5
NW	.3	1.3	1.9	.8	.1	.1						4.6	8.5
NNW	.1	1.1	1.6	1.6	.1							4.4	9.3
VARBL													
CALM												8.0	
	14.6	40.3	30.4	6.0	.6	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

137.5 STATION ANDREWS AFB MD 69-70, 73-80 YEARS JUN MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.7	.8	.7								4.7	6.0
NNE	.4	.7	.4									1.6	4.9
NE		1.1	.6									1.7	5.7
ENE	1.3	1.2										2.6	3.4
E	1.9	1.2										3.0	3.3
ESE	.7	1.1	.6									2.3	5.2
SE	.6	1.8	.7	.1								3.1	5.4
SSE	1.9	3.7	3.4	.4								9.4	5.8
S	4.9	12.3	4.8	.3								22.3	5.2
SSW	2.7	2.8	2.7	.2	.1							7.8	6.0
SW	1.2	2.2	1.7	.2								4.7	5.5
WSW	.6	1.7	.2	.2								2.7	5.4
W	1.1	2.4	.2									3.8	4.1
WNW	.3	1.6	.3	.2								2.4	5.5
NW	.3	1.2	1.0	.3	.1							3.0	7.4
NNW	.4	.9	1.4	.7								3.4	8.0
VARBL													
CALM												21.6	
	18.8	37.9	18.1	3.4	.2							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1775
STATION

ANDREWS AFB MD

STATION NAME

60-70,73-80

YEARS

JUN
MONTH

ALL WEATHER

CLASS

ALL
HOURS (L.S.T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	ME. WIND SPE
N	1.0	2.6	2.4	.8	.0							6.8	6
NNE	.6	1.1	1.2	.2								3.0	6
NE	.4	1.3	1.2	.2	.0							3.1	6
ENE	.6	1.0	.7	.1								2.4	5
E	.8	1.4	.9	.1								3.3	5
ESE	.7	1.3	.9	.0								2.9	5
SE	.5	1.2	.9	.1								2.8	5
SSE	1.1	2.3	2.1	.3	.0	.0						5.8	6
S	2.7	6.2	4.9	1.2	.0							15.0	6
SSW	1.4	2.6	4.2	1.3	.0							9.6	7
SW	1.2	2.8	3.6	.9	.0							9.6	6
WSW	1.0	2.0	2.0	.5								5.4	6
W	1.2	2.4	1.2	.2			.0					5.0	5
WNW	.4	1.3	1.4	.5	.1	.0						3.7	7
NW	.4	1.6	1.6	1.4	.2	.1						5.2	8
NNW	.3	1.1	1.6	1.0	.1							4.0	8
VARBL													
CALM												13.5	
	14.3	32.2	30.7	8.7	.4	.1	.0					100.0	5

TOTAL NUMBER OF OBSERVATIONS

72

AD-A110 236

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
ANDREWS AFB, WASHINGTON DC REVISED UNIFORM SUMMARY OF SURFACE W--ETC(U)
OCT 81

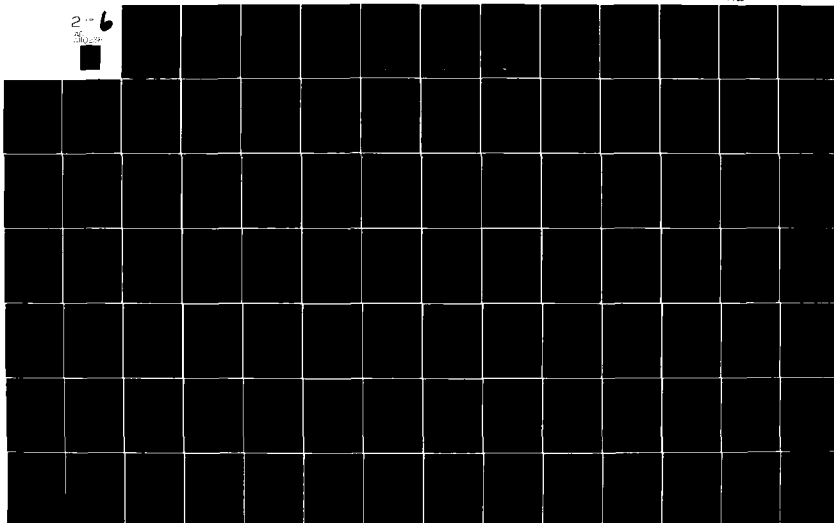
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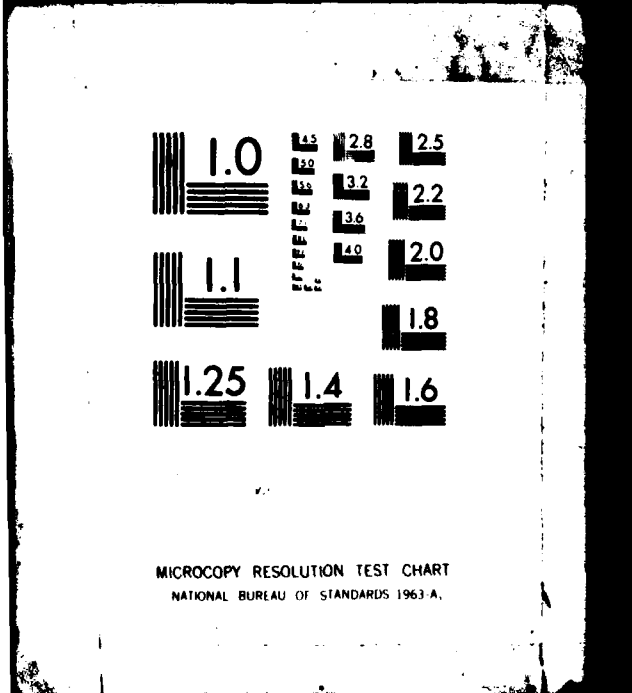
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13705 ANDREWS AFB MD 69-70,73-80 JUL
STATION STATION NAME YEARS MONTH
ALL WEATHER 0000-0200
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.9	.9									5.8	4.9
NNE	.3	1.2	.3	.1								1.9	5.7
NE	.6	.9	.1									1.6	3.9
ENE	.5	.6	.1									1.3	3.9
E	.8	1.3	.1									2.2	4.1
ESE	1.0	.5	.1									1.6	3.4
SE	.2	1.0	.1									1.3	4.5
SSE	1.1	1.5	.3									2.9	4.2
S	4.1	6.0	1.5	.1								11.7	4.4
SSW	2.4	4.0	3.1	.2								9.7	5.6
SW	2.5	4.2	3.9	.1								10.6	5.6
WSW	.9	2.3	1.3									4.4	5.4
W	2.6	2.0	1.0									5.6	4.2
WNW	1.0	2.0	.9	.2								4.1	5.4
NW	.8	1.4	1.1									3.2	5.3
NNW	.4	1.5	1.3	.3								3.5	6.7
VARBL													
CALM												28.5	
	20.1	34.3	16.0	1.1								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13705
STATION

ANDREWS AFB MD

STATION NAME

69-70,73-80

YEARS

JUL

MONTH

ALL WEATHER

CLASS

0300-0500

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	5.4	1.7									9.6	4.7
NNE	1.0	1.8	.8	.1								3.7	5.2
NE	.5	1.2	.2									1.9	4.4
ENE	.5	.4		.1								1.1	4.3
E	.4	.9	.5									1.8	5.2
ESE	.2	.3										.5	3.2
SE	.3	.3										.6	3.7
SSE	.2	1.2	.1									1.5	4.8
S	3.8	3.9	.8	.3								8.7	4.3
SSW	1.6	4.7	2.2		.1							8.6	5.4
SW	2.2	3.8	3.0	.2								9.1	5.5
WSW	1.4	2.5	1.2	.1								5.2	5.3
W	2.0	2.5	.4	.1								5.1	4.2
WNW	1.1	1.2	.6	.3								3.2	5.6
NW	.5	1.8	1.2	.1								3.7	6.1
NNW	1.0	1.8	.8									3.5	4.8
VARBL													
CALM												32.2	
	19.2	33.7	13.4	1.4	.1							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13705
STATION

ANDREWS AFB MD
STATION NAME

69-70, 73-80
YEARS

JUL
MONTH
0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	4.5	3.0	.3								9.9	5.7
NNE	.9	2.7	1.8	.3								5.7	6.0
NE	.8	1.6	.8	.3								3.4	5.6
ENE	1.2	1.2	.4	.1								2.9	4.6
E	1.0	1.4	.4	.1								2.9	4.6
ESE	.5	.4	.1									1.1	3.7
SE	.4	.1	.2									.8	4.0
SSE	.2	.6	.6									1.5	6.3
S	1.9	2.7	1.6	.2								6.5	5.3
SSW	1.0	2.7	2.7	.3								6.7	6.4
SW	1.8	4.7	4.1	.3								11.0	6.0
WSW	.5	2.2	2.7	.4								5.8	6.7
W	4.2	3.0	.6	.1								8.0	3.8
WNW	1.4	2.2	1.3	.1								5.0	5.2
NW	.8	2.6	1.7	.6								5.7	6.7
NNW	1.0	1.1	1.7	.2	.1							4.1	6.9
VARBL													
CALM												19.2	
	19.6	33.7	23.9	3.6	.1							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13705 ANDREWS AFB MD 69-70,73-80 JUL
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0900-1100
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.8	2.7	1.0	.1							9.4	6.2
NNE	1.5	2.4	1.4	.8								6.0	5.8
NE	1.3	1.9	1.1	.1								4.4	5.4
ENE	.9	2.2	.9									3.9	5.1
E	1.5	2.2	.5	.1								4.3	4.7
ESE	.5	1.8	.3									2.7	4.6
SE	.5	1.2	.6									2.4	5.2
SSE	.9	1.2	.5									2.6	4.8
S	1.1	2.5	2.6	.8								6.9	6.8
SSW	1.3	2.5	2.8	1.2								7.7	6.9
SW	.5	4.3	4.5	1.0								10.3	7.3
WSW	1.3	2.8	3.0	.2								7.3	6.3
W	1.7	4.0	1.8	.1								7.6	5.3
WNW	1.3	1.9	1.7	.2								5.2	5.9
NW	1.2	1.7	2.6	.6								6.1	6.7
NNW	.5	2.3	3.2	.6								6.7	7.5
VARBL													
CALM												6.6	
	17.8	38.5	30.3	6.7	.1							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13705
STATION

ANDREWS AFB MD
STATION NAME

69-70,73-80
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.8	3.5	.6								8.0	7.0
NNE	.8	2.2	.8	.1								3.8	5.2
NE	.3	1.6	1.1	.2								3.2	6.7
ENE	.6	1.9	1.1									3.7	5.4
E	.8	2.3	1.3									4.3	5.5
ESE	.8	2.7	1.2									4.0	5.5
SE	.4	1.3	1.0	.2								2.9	6.6
SSE		1.4	1.4	.2								3.0	7.3
S	.5	2.5	3.7	1.0	.1							7.7	7.6
SSW	1.0	3.2	3.8	1.0								8.9	7.0
SW	1.3	2.9	4.1	1.1								9.4	7.2
WSW	.4	2.8	4.2	.2								7.6	7.0
W	1.4	3.9	4.0	.8								10.0	6.6
WNW	.6	2.5	2.9	.5								6.6	6.9
NW	.4	2.3	3.1	1.2	.1							7.1	7.9
NNW	.4	1.7	2.8	.6								5.6	7.6
VARBL													
CALM												4.3	
	10.8	37.2	39.8	7.7	.2							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13705
STATION

ANDREWS AFB MD
STATION NAME

69-70,73-80
YEARS

JUL
MONTH
1500-1700
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.4	3.8	.9								8.4	6.8
NNE	.4	1.0	1.2	.1		.1						2.8	7.2
NE	.9	1.8	.8	.3								3.8	6.1
ENE	.4	1.2	.4	.1								2.2	5.4
E	1.1	2.2	1.8	.2								5.3	5.7
ESE	.8	2.8	1.9	.2								5.7	6.1
SE	.8	1.4	3.1	.5								5.8	7.0
SSE	.6	2.3	2.2	.4								5.3	6.7
S	.2	2.4	3.8	1.5	.2							8.1	8.6
SSW	1.1	2.5	4.4	1.0								8.9	7.2
SW	.8	3.4	4.1	2.4	.1							10.8	8.0
WSW	.6	3.0	3.0	.5	.1							7.3	7.1
W	.9	2.2	2.3	.5	.1							5.9	6.7
WNW	.5	1.6	2.0	1.2	.2							5.6	8.5
NW	.3	1.7	2.4	.4	.1	.1						5.1	7.8
NNW	.4	2.3	3.5	.8								7.0	7.7
VARBL													
CALM												2.3	
	11.2	33.8	40.6	11.1	.9	.2						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13705
STATION

ANDREWS AFB MD
STATION NAME

69-70, 73-80
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.9	2.0	.2	.1							7.0	6.1
NNE	1.0	1.5	1.2	.1								3.8	5.7
NE	1.0	1.0	.4									2.4	4.4
ENE	1.1	.4	.3	.3								2.2	5.2
E	1.8	2.9	.5	.3								5.6	4.8
ESE	2.7	3.9	.9		.1							7.5	4.5
SE	1.5	1.5	1.4	.1								4.5	5.3
SSE	1.0	3.4	3.0	.5								8.0	6.5
S	3.7	6.3	3.9	1.0	.1							14.9	5.6
SSW	1.7	3.2	2.7	.2								7.8	5.7
SW	1.0	2.2	3.0	.3								6.5	6.6
WSW	1.2	2.4	1.3	.3								5.2	5.9
W	.9	2.0	1.1									4.0	5.5
WNW	.4	1.4	1.2	.5								3.5	6.7
NW	.4	.9	1.5	.3	.2							3.3	7.7
NNW	.5	.5	1.0	.3								2.4	6.9
VARBL													
CALM												11.5	
	21.5	36.5	25.4	4.6	.5							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13705
STATION

ANDREWS AFB MD
STATION NAME

69-70, 73-80
YEARS

JUL
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.5	1.0	.2								5.2	4.9
NNE	.6	.4	.3									1.4	4.4
NE	.4	.8	.3									1.5	5.0
ENE	.9	.6	.2	.1								1.8	4.5
E	1.0	1.4	.3		.1							2.8	4.5
ESE	1.3	1.4	.4									3.1	4.3
SE	.9	1.0	.3	.1								2.3	5.0
SSE	1.5	1.8	1.2	.2								4.7	5.5
S	5.9	9.7	3.4	.2								19.2	4.6
SSW	2.0	3.3	1.9									7.3	5.1
SW	1.6	2.7	1.9	.2								6.5	5.5
WSW	.8	2.4	1.0		.1							4.2	5.3
W	1.8	1.9	1.0	.1								4.8	4.7
WNW	.4	.6	.5	.1								1.7	5.8
NW		1.0	1.1	.4								2.5	7.9
NNW	.4	.6	.9	.2								2.2	6.6
VARBL													
CALM												28.8	
	21.1	32.2	15.8	1.9	.2							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13705
STATION

ANDREWS AFB MD
STATION NAME

69-70, 73-80
YEARS

JUL
MONTH
ALL
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	3.5	2.3	.4	.0							7.9	5.8
NNE	.8	1.6	1.0	.2		.0						3.6	5.7
NE	.7	1.3	.6	.1								2.8	5.4
ENE	.8	1.1	.4	.1								2.4	4.9
E	1.0	1.8	.7	.1	.0							3.6	4.9
ESE	1.0	1.7	.6	.0	.0							3.3	4.9
SE	.6	1.0	.8	.1								2.6	5.8
SSE	.7	1.7	1.2	.2								3.7	6.0
S	2.6	4.5	2.6	.6	.1							10.5	5.6
SSW	1.5	3.3	2.9	.5	.0							8.2	6.2
SW	1.5	3.5	3.6	.7	.0							9.3	6.5
WSW	.9	2.5	2.2	.2	.0							5.9	6.2
W	1.9	2.7	1.5	.2	.0							6.4	5.2
WNW	.8	1.7	1.4	.4	.0							4.4	6.4
NW	.6	1.7	1.8	.5	.1	.0						4.6	7.1
NNW	.6	1.5	1.9	.4	.0							4.4	7.0
VARBL													
CALM												16.7	
	17.7	35.0	25.7	4.8	.3	.0						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13705
STATION

ANDREWS AFB MD
STATION NAME

69-70, 73-80
YEARS

AUG
MONTH
0000-0200
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	2.9	1.1	.1								6.3	4.7
NNE	.5	.9	.9	.1								2.4	5.8
NE	.5	1.0	.4									1.9	4.8
ENE	.3	.2	.1									.6	4.3
E	.9	.9	.1									1.8	3.8
ESE	.5	.4										1.0	3.2
SE	.9	.6	.1									1.6	3.9
SSE	1.7	.8	.1									2.6	3.2
S	6.5	5.2	1.4									13.0	3.8
SSW	2.3	4.8	2.9	.2								10.2	5.5
SW	1.6	4.5	1.6	.1								7.8	5.2
WSW	1.4	1.5	.3									3.2	4.0
W	2.7	2.9	.3									5.9	3.7
WNW	1.0	1.0	.2									2.2	4.2
NW	1.0	1.7	.3			.1						3.1	5.2
NNW	.5	1.8	.3	.3								3.0	5.7
VARBL													
CALM												33.2	
	24.5	31.1	10.2	.9		.1						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13755
STATION

ANDREWS AFB MD
STATION NAME

69-70, 73-80
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	3.7	1.4	.1								8.2	4.6
NNE	.6	1.4	.4									2.5	4.7
NE	.4	1.3	.4	.2								2.4	5.7
ENE	.4	.6	.3									1.4	4.7
E	.6	.5	.1									1.3	3.7
ESE	.3	.2										.5	3.2
SE	.4											.4	2.3
SSE	.6	.8										1.4	3.3
S	4.7	4.4	.6	.2								10.0	3.7
SSW	2.3	4.2	2.8									9.2	5.3
SW	2.5	4.7	1.2									8.4	4.5
WSW	2.2	1.9	.1									4.2	3.5
W	2.7	2.6	.4									5.7	3.6
WNW	1.0	1.0	.1									2.0	3.7
NW	1.4	2.4	.8									4.5	4.7
NNW	1.4	1.1	1.1	.2								3.8	5.3
VARBL													
CALM												34.1	
	24.6	30.8	9.8	.8								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1375
STATION

ANDREWS AFB MD
STATION NAME

69-70, 73-80
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	5.4	2.7	.8								12.2	5.5
NNE	1.2	2.3	1.1	.2								4.7	5.3
NE	.8	2.5	1.2	.2								4.6	5.7
ENE	.8	.8	.3									1.8	4.1
E	.6	.5	.2	.1								1.5	4.4
ESE	.4	.5	.1									1.1	4.2
SE	.3	.1										.4	2.5
SSE	.3	.4										.8	3.6
S	2.0	2.9	.9	.2								6.0	4.4
SSW	1.9	3.5	4.3	.3								10.1	6.1
SW	1.7	4.5	3.8	.3								10.3	6.0
WSW	2.3	2.7	1.1	.1								6.1	4.7
W	2.9	2.4	.5									5.8	3.8
WNW	1.5	1.8	.3	.1								3.8	4.4
NW	.8	1.8	.8	.4								3.8	5.6
NNW	1.4	1.7	1.4	.4								4.9	5.8
VARBL													
CALM												22.0	
	22.3	33.9	18.6	3.2								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

137.5
STATION

ANDREWS AFB MD
STATION NAME

69-70, 73-80
YEARS

AUG
MONTH
0900-1100
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.4	4.2	1.0	.1							10.9	6.5
NNE	1.0	2.4	2.3	.4	.1							6.1	6.8
NE	1.0	2.2	2.4	.3								5.8	6.2
ENE	1.2	2.2	1.3	.1								4.7	5.3
E	1.5	1.5	.3									3.3	4.0
ESE	.6	.6	.3									1.6	4.5
SE	.6	1.5	.4									2.6	4.8
SSE	.4	.4	.8									1.6	5.7
S	1.0	2.5	2.4									5.8	5.8
SSW	1.3	2.7	2.8	1.2								8.0	6.9
SW	1.1	4.0	3.8	.9								9.7	6.7
WSW	1.2	2.3	2.8	.5	.1							7.4	6.7
W	2.6	3.4	1.5	.3								7.8	4.9
WNW	1.7	2.4	1.5	.2								5.8	5.5
NW	1.1	2.0	2.6	.8								6.5	7.0
NNW	.9	2.2	1.4	1.1								5.5	7.0
VARBL													
CALM												6.9	
	19.2	36.1	30.6	6.8	.3							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13705
STATION

ANDREWS AFB MD
STATION NAME

69-70, 73-80
YEARS

AUG
MONTH
1200-1400
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.7	3.9	.5								8.7	6.6
NNE	.9	2.0	1.0	.5								4.4	6.3
NE	.9	1.1	1.3	.1								3.3	5.6
ENE	1.2	1.6	.6	.3								3.8	5.4
E	1.4	2.2	1.5									5.1	5.4
ESE	.9	1.0	.6									2.5	5.0
SE	.6	.6	1.0	.2								2.5	6.1
SSE	1.3	1.3	1.2									3.8	4.8
S	1.6	3.7	2.0	.8								8.1	6.3
SSW	1.1	3.4	4.1	1.0								9.6	7.0
SW	1.0	4.2	4.2	1.4								10.8	7.2
WSW	.8	2.3	2.5	.4								5.9	6.7
W	1.8	3.7	2.9	.5								8.9	6.2
WNW	.6	2.0	2.0	.4								5.2	6.8
NW	.8	3.0	2.3	.5								6.6	6.6
NNW	1.6	1.6	1.5	1.3								6.0	7.0
VARBL													
CALM												5.1	
	18.0	36.3	32.6	8.1								100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

137 S
STATION

ANDREWS AFB MD
STATION NAME

69-70, 73-80
YEARS

AUG
MONTH
1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	3.2	2.6	1.8		.1						8.3	7.8
NNE	.9	1.3	.5	.3								3.0	5.7
NE	.8	1.0	.6	.1								2.5	5.1
ENE	.6	2.2	2.2									4.9	6.2
E	1.1	3.2	1.6									5.9	5.0
ESE	.8	3.3	1.0									5.1	5.3
SE	1.1	2.5	1.0									4.5	5.2
SSE	.2	1.8	1.9	.2								4.2	7.1
S	1.0	3.4	5.2	.4								10.0	7.2
SSW	1.0	3.4	4.8	1.6								10.9	7.7
SW	.5	3.5	4.3	.8								9.1	7.2
WSW	1.0	2.0	3.0	.2								6.2	6.4
W	1.2	3.2	2.2	.1								6.7	5.7
WNW	.9	1.9	1.9	.3	.1							5.2	6.7
NW	.8	1.4	2.6	.9								5.6	7.4
NNW	.5	1.2	1.7	.4								3.9	7.3
VARBL													
CALM												4.1	
	12.7	38.7	37.1	7.2	.1	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13705
STATION

ANDREWS AFB MD
STATION NAME

69-70, 73-80
YEARS

AUG
MONTH
1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.9	2.7	.8								8.1	6.1
NNE	.6	1.1	.1	.4								2.3	6.0
NE	.3	.6	.4									1.4	4.9
ENE	.5	.6	.3									1.5	4.5
E	2.7	2.5	.6									5.8	3.9
ESE	2.4	2.9	.8									6.0	4.1
SE	1.8	2.2	1.1	.1								5.2	4.7
SSE	2.2	4.8	1.4	.2								8.6	4.8
S	5.1	8.2	2.4	.2								15.8	4.5
SSW	1.9	3.3	2.6	.5								8.4	5.8
SW	1.5	3.7	.9	.2								6.2	4.8
WSW	1.7	2.0	.6									3.7	4.7
W	2.2	1.6	.4									4.2	3.9
WNW	1.0	1.3	.6									2.9	4.7
NW	.8	1.3	1.0			.1						3.1	6.1
NNW	.4	.6	.6	.3								2.0	6.6
VARBL													
CALM												14.7	
	26.0	39.7	16.6	2.8		.1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13705
STATION

ANDREWS AFB MD
STATION NAME

69-70, 73-80
YEARS

AUG
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.2	1.1	.6								5.3	5.9
NNE	.6	.8	.3									1.7	4.3
NE	.4	.3	.1	.3								1.2	6.0
ENE	.3	.1	.2									.6	4.8
E	2.3	1.0	.6									3.9	3.7
ESE	1.0	1.1	.1	.1								2.3	3.9
SE	1.1	1.5	.3									2.9	4.3
SSE	2.5	2.7	.6	.1								5.9	4.0
S	8.0	7.6	2.4									18.0	4.0
SSW	1.9	3.9	1.4	.1								7.3	4.9
SW	1.3	2.9	1.5									5.7	5.1
WSW	1.5	1.3	.2	.1								3.1	4.1
W	2.2	2.6	.4									5.2	3.9
WNW	.4	1.1	.8									2.3	5.8
NW	.8	.8	.4		.1							2.0	5.5
NNW	.5	1.0	.8	.1								2.4	5.9
VARBL													
CALM												30.3	
	26.1	30.6	11.3	1.5	.1							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1375
STATION

ANDREWS AFB MD
STATION NAME

69-70, 73-80
YEARS

AUG
MONTH

ALL WEATHER

CLASS

ALL

HOURLS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.3	2.4	.7	.0	.0						8.5	6.0
NNE	.8	1.5	.8	.3	.0							3.4	5.8
NE	.6	1.2	.9	.2								2.9	5.7
ENE	.7	1.0	.7	.1								2.4	5.3
E	1.4	1.5	.6	.0								3.6	4.4
ESE	.9	1.3	.4	.0								2.5	4.4
SE	.9	1.1	.5	.0								2.5	4.8
SSE	1.2	1.6	.8	.1								3.6	4.8
S	3.7	4.7	2.2	.2								10.8	4.8
SSW	1.7	3.7	3.2	.6								9.2	6.2
SW	1.4	4.0	2.6	.5								8.5	6.0
WSW	1.4	2.1	1.3	.2	.0							5.0	5.4
W	2.3	2.8	1.1	.1								6.3	4.6
WNW	1.0	1.6	.9	.1	.0							3.7	5.5
NW	.9	1.8	1.3	.3	.0	.0						4.4	6.2
NNW	.9	1.4	1.1	.5								3.9	6.4
VARBL													
CALM												18.8	
	21.7	34.7	20.8	3.9	.1	.0						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1375 STATION ANDREWS AFB MD 69-70, 73-80 YEARS SEP MONTH
0000-0200 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	4.3	2.7	.1								10.0	5.1
NNE	.3	2.1	1.8	.3								4.6	6.4
NE	.9	2.2	.4									3.6	4.8
ENE	.6	1.3	.7									2.6	5.0
E	1.3	1.2	.3	.2								3.1	4.5
ESE	.6	1.0	.3	.1								2.0	5.1
SE	.4	.6	.2									1.2	4.5
SSE	1.1	.7	.3	.4								2.6	5.7
S	4.9	4.6	1.4	.3	.1							11.3	4.5
SSW	1.7	3.9	1.7	.9								8.1	6.1
SW	1.3	2.2	2.1									5.7	5.6
WSW	1.4	2.6	.9									4.9	4.8
W	1.3	1.8	.7									3.8	4.4
WNW	.2	2.1	.3									2.7	5.2
NW	.7	1.4	1.4	.1								3.7	6.2
NNW	.2	2.3	1.8	.2								4.6	6.7
VARBL													
CALM												25.8	
	19.9	34.3	17.1	2.8	.1							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1375
STATION

ANDREWS AFB MD
STATION NAME

69-70, 73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	5.6	2.1	.7								10.4	5.6
NNE	.7	2.8	2.3	.6								6.3	6.6
NE	1.2	1.7	.9	.2								4.0	5.3
ENE	.8	1.8	.6									3.1	4.7
E	.4	1.1	.3	.1								2.0	5.1
ESE	.3	.6	.2									1.1	5.1
SE	.7	.2	.6									1.4	4.5
SSE	.7	.6	.1	.2								1.6	5.0
S	4.2	2.7	.3	.3								7.6	3.9
SSW	2.2	4.6	1.9	.9								9.6	5.8
SW	1.4	3.3	1.6	.3								6.7	5.7
WSW	1.4	1.4	.1									3.0	3.6
W	1.7	2.9	.6									5.1	4.5
WNW	.3	1.0	.1									1.4	3.9
NW	.2	2.0	1.3									3.6	6.0
NNW	.8	2.6	2.1	.2								5.7	6.2
VARBL													
CALM												27.4	
	19.2	34.7	15.1	3.6								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1375 STATION ANDREWS AFB MD 69-70, 73-80 SEP
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0600-0800
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	5.1	3.7	.8								11.9	5.9
NNE	1.3	2.4	3.1	.3								7.2	6.2
NE	1.2	3.0	1.4	.1								5.8	5.2
ENE	.9	2.1	1.0	.2								4.2	5.7
E	.6	1.2	.7	.1								2.6	5.2
ESE	.4	.2	.1									.8	3.9
SE	.7	.6	.1									1.3	3.8
SSE	.7	.4	.3									1.4	5.0
S	2.6	2.2	1.6	.4								6.8	5.0
SSW	1.3	3.3	2.6	1.0								8.2	6.5
SW	1.8	3.0	1.6	.8								7.1	6.0
WSW	1.0	2.4	.2	.1								3.8	4.8
W	2.0	2.6	.6									5.1	4.0
WNW	.6	1.9	.6	.1								3.1	4.9
NW	.7	1.1	1.2	.3								3.3	6.2
NNW	.4	2.3	2.8	.7								6.2	7.4
VARBL													
CALM												21.1	
	18.4	34.0	21.4	5.0								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1375
STATION

ANDREWS AFB MD
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.2	5.0	1.7								9.7	8.0
NNE	.8	1.3	3.6	.6								6.2	7.3
NE	1.0	2.3	2.1	.4								5.9	6.3
ENE	1.0	2.6	3.3	.1								7.0	6.1
E	1.7	3.4	2.1	.4								7.0	6.2
ESE	.8	1.3	.9									3.0	5.1
SE	.3	.8		.1								1.2	5.2
SSE	.4	1.1	.6	.4								2.6	6.4
S	.6	2.4	1.8	.3								5.1	6.5
SSW	1.2	2.7	4.2	1.9								10.0	7.6
SW	1.2	2.8	3.0	1.9								8.9	7.6
WSW	1.0	1.9	1.8	.7								5.3	6.8
W	2.0	2.4	1.2	.1								5.8	4.9
WNW	.8	1.7	1.9	.3								4.7	6.5
NW	.7	1.3	2.4	1.7								6.1	8.3
NNW	.6	1.0	2.3	2.0	.1	.1						6.1	9.4
VARBL													
CALM												5.4	
	14.1	31.3	36.2	12.7	.1	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13715 STATION ANDREWS AFB MD 69-70, 73-80 YEARS SEP
STATION NAME CLASS 1200-1400
CONDITON HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.9	3.7	1.2								8.6	7.6
NNE	.7	1.3	2.0	.3								4.3	6.9
NE	.8	2.2	1.6	.3								4.9	6.0
ENE	.4	1.3	1.9	.3								4.0	6.9
E	1.6	2.4	2.1	.4								6.6	5.9
ESE	.9	1.8	.9									3.6	5.2
SE	.6	1.9	1.1									3.6	5.9
SSE		1.0	.9	.1								2.0	6.8
S	.7	2.4	1.8	1.1								6.0	7.4
SSW	1.4	2.7	3.6	2.1								9.8	8.0
SW	1.1	2.8	3.7	2.0								9.6	7.9
WSW	.7	2.2	2.8	.8								6.4	7.0
W	1.0	3.4	2.1	.3								6.9	5.9
WNW	.7	1.6	2.1	.9								5.2	7.5
NW	1.0	.8	3.9	1.8	.1							7.6	8.6
NNW	.9	1.0	3.3	1.2								6.4	8.3
VARBL													
CALM												4.7	
	13.1	31.8	37.3	13.0	.1							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1375
STATION

ANDREWS AFB MD
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.8	3.3	1.4								6.9	8.2
NNE	.2	1.7	1.9	.2								4.0	6.6
NE	.6	1.9	1.8	.3								4.6	6.4
ENE	.6	1.8	1.1	.7								4.1	7.1
E	1.1	3.1	1.9	.2								6.3	5.8
ESE	.7	3.7	1.9	.1								6.3	5.7
SE	1.1	1.6	1.0	.1								3.8	5.3
SSE	.3	1.9	1.1	.2								3.6	6.3
S	1.0	2.9	4.2	.8								8.9	6.8
SSW	.6	3.8	6.0	1.8								12.1	7.7
SW	.8	3.2	3.6	.9	.1							8.6	7.2
WSW	.4	2.9	1.7	.3								5.3	6.2
W	.6	2.2	1.6	.2	.1							4.7	6.2
WNW	.4	1.2	.9	.4	.1							3.1	7.6
NW	1.1	1.1	3.3	1.8	.1							7.4	8.5
NHW	.3	1.8	2.8	1.0	.1							6.0	8.1
VARB													
CALM												4.3	
	10.1	36.4	38.0	10.6	.6							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND,
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1275
STATION

ANDREWS AFB MD
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.3	2.6	.4								7.8	5.8
NNE	.3	2.0	1.3	.1								3.8	6.1
NE	.4	1.3	1.1	.1								3.0	6.0
ENE	1.0	2.4	.6									4.0	4.6
E	1.9	2.8	1.4	.1								6.2	4.7
ESE	2.4	3.7		.2	.1							6.4	4.2
SE	1.0	2.4	.6	.1								4.1	4.7
SSE	1.8	4.4	1.4	.4								8.1	5.2
S	4.3	9.7	1.7	.7								16.3	4.7
SSW	1.7	1.8	1.7	.1								5.2	5.3
SW	1.8	2.0	.4									4.2	4.4
WSW	.9	1.2										2.1	3.6
W	.2	.8	.1									1.1	4.6
WNW	.3	1.1	.8	.2								2.4	6.3
NW	.4	1.0	1.4	.9								3.8	7.9
NNW	.7	2.0	1.9	.7								5.2	6.9
VARBL													
CALM												16.1	
	20.7	42.0	17.0	4.1	.1							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

906

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

137 S ANDREWS AFB MD 69-70, 73-80 SEP

STATION STATION NAME YEARS MONTH

ALL WEATHER 2100-2300

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	4.7	1.9	.2								8.4	5.3
NNE	.9	1.7	1.0	.4								4.0	6.2
NE	.9	1.3	1.1									3.3	5.3
ENE	1.0	1.8	.8									3.6	4.7
E	1.1	1.4	.2	.2								3.0	4.7
ESE	.3	1.6	.7									2.6	5.7
SE	.9	.8	.2	.2								2.1	5.3
SSE	1.9	2.3	.4	.1								4.8	4.4
S	5.2	7.3	3.3	.6								16.4	5.1
SSW	1.9	2.2	2.3	.3								6.8	5.9
SW	.9	2.4	1.4	.1								4.8	5.7
WSW	.2	2.0	.2									2.4	4.8
W	1.6	2.1	.3									4.0	4.1
WNW	.4	.4	.1	.1		.1						1.2	7.4
NW	.4	.8	1.0	.4								2.7	7.7
NNW	.3	1.4	2.0	.3	.1							4.2	7.3
VARBL													
CALM												25.7	
	19.6	34.3	17.1	3.1	.1	.1						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

137 5 ANDREWS AFB MD 69-70,73-80 SEP
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS ALL
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.7	3.1	.8								9.2	6.4
NNE	.7	1.9	2.1	.4								5.1	6.6
NE	.9	2.0	1.3	.2								4.4	5.7
ENE	.8	1.9	1.2	.2								4.1	5.7
E	1.1	2.1	1.1	.2								4.6	5.4
ESE	.8	1.7	.6	.1	.0							3.2	5.1
SE	.7	1.1	.5	.1								2.3	5.1
SSE	.9	1.6	.7	.2								3.3	5.4
S	2.9	4.3	2.0	.6	.0							9.8	5.3
SSW	1.5	3.1	3.0	1.1								9.7	6.8
SW	1.3	2.7	2.2	.7	.0							5.9	6.5
WSW	.9	2.1	1.0	.2								4.2	5.6
W	1.3	2.3	.9	.1	.0							4.6	4.9
WNW	.5	1.4	.8	.3	.0	.0						3.0	6.4
NW	.7	1.2	2.0	.9	.0							4.8	7.7
NNW	.5	1.8	2.4	.8	.0	.0						5.6	7.6
VARBL													
CALM												16.3	
	16.9	34.9	24.9	6.8	.1	.0						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

137.5
STATION

ANDREWS AFB MD
STATION NAME

69-70, 73-80
YEARS

OCT
MONTH
0000-0200
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.1	3.4	1.5	.1							9.5	7.2
NNE	.6	1.5	1.9									4.1	5.7
NE	.3	1.5	1.7	.1								3.7	6.6
ENE	1.1	1.0	1.0	.2								3.2	5.5
E	.8	.6	.8	.3								2.5	6.1
ESE	.5	.5	.3	.1								1.5	5.1
SE	.2	.4	.2	.1								1.0	6.0
SSE	.5	1.4	.3	.1								2.4	4.9
S	3.4	4.7	1.9	.2	.1							10.4	5.0
SSW	1.8	3.1	1.7	.5								7.2	5.5
SW	1.8	2.7	.5	.1	.1							5.3	4.7
WSW	1.0	1.8	1.0	.1								3.9	5.3
W	.9	2.5	1.3	.3	.1							5.1	6.0
WNW	1.2	2.2	1.0	.6	.1							5.1	6.3
NW	.6	1.4	1.9	.6	.1		.1					4.8	7.9
NNW	1.0	1.3	1.9	.9	.2							5.3	7.9
VARBL													
CALM												25.3	
	17.1	29.8	21.0	5.9	.9		.1					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

137.5 ANDREWS AFB MD 69-70, 73-80 OCT

STATION STATION NAME YEARS MONTH

ALL WEATHER 0300-0500

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	5.2	3.7	1.0								12.5	6.1
NNE	.4	1.2	1.4	.3								3.3	6.8
NE	1.4	2.3	1.1	.2								4.9	5.5
ENE	.4	1.3	1.6	.2								3.5	6.8
E	.5	.6	.5	.1								1.8	5.5
ESE	.5	.6	.3									1.5	4.7
SE		.1	.2									.3	7.3
SSE	.1	.3		.1								.5	5.4
S	1.7	2.5	2.3	.4								6.9	5.8
SSW	2.0	4.3	2.3	.4	.1							9.1	5.7
SW	1.7	3.1	.4	.2								5.5	4.5
WSW	.8	1.6	.4									2.8	4.6
W	1.3	2.7	.9	.4								5.3	5.7
WNW	.8	2.2	1.5	.5	.2							5.2	7.1
NW	.9	.9	2.0	1.2	.2							5.2	8.1
NNW	.8	1.0	2.7	1.0	.1							5.5	7.9
VARBL													
CALM												26.1	
	16.0	29.8	21.3	6.1	.6							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1375
STATION

ANDREWS AFB MD

STATION NAME

69-70, 73-80

YEARS

OCT

MONTH

ALL WEATHER

CLASS

0600-0800

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	6.5	4.4	1.5								14.5	6.5
NNE	.6	2.4	1.7	.4								5.2	6.6
NE		1.6	1.6									3.2	6.7
ENE	.4	1.6	1.9	.5								4.5	7.2
E	.8	1.2	.8									2.7	5.0
ESE	.1	.2	.8									1.1	7.0
SE		.1	.2									.3	7.3
SSE	.4	.4		.2		.1						1.2	7.0
S	1.9	3.2	1.5	.2								6.9	5.2
SSW	1.3	2.8	3.2	.4								7.7	6.4
SW	1.3	2.4	2.4	.3								6.3	6.0
WSW	1.0	1.6	.4	.1								3.1	4.7
W	1.3	2.9	1.5	.2								5.9	5.6
WNW	.4	2.4	1.8	.4	.2	.1						5.4	7.5
NW	.4	1.7	2.0	.6	.2							5.1	7.7
NNW	.9	1.8	2.0	1.6								6.3	8.0
VARBL													
CALM												20.5	
	13.0	32.8	26.3	6.7	.4	.2						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

137.5 ANDREWS AFB MD 69-70,73-80 OCT
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	4.2	4.7	2.8	.2							13.1	8.0
NNE	.3	1.2	1.7	.4								3.7	7.3
NE	.4	2.7	2.9	1.0								7.0	7.5
ENE	.6	3.0	1.6	.4	.1							5.8	6.6
E	.6	1.4	2.3	.3								4.6	6.6
ESE	.4	1.6	.8	.3	.1							3.2	6.5
SE	.6	.5	.3	.2								1.7	5.5
SSE	.4	.6	.2									1.3	4.8
S	.8	1.9	1.6	.5	.1							4.9	6.9
SSW	.9	1.5	2.7	1.3	.1							6.5	8.0
SW	1.7	2.4	4.2	1.1	.1							9.5	7.3
WSW	.5	1.6	2.3	.1								4.5	6.6
W	1.3	1.6	1.9	1.2								6.0	7.4
WNW	.2	1.3	2.6	2.8	.1	.2						7.2	10.1
NW	.4	1.2	2.9	4.5	.2							9.2	10.5
NNW	.4	1.0	2.6	2.0	.1							6.1	9.4
VARBL													
CALM												5.6	
	11.0	27.7	35.3	19.0	1.2	.2						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1375 STATION ANDREWS AFB MD 69-70, 73-80 YEARS OCT MONTH
STATION NAME CLASS ALL WEATHER HOURS 1200-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.2	2.6	1.7	.2							8.3	7.8
NNE	.3	1.5	1.8	.2								3.9	6.9
NE	.5	2.2	1.2	.6								4.5	6.6
ENE	.1	1.2	1.4	.8								3.4	8.0
E	.3	2.0	1.9	.4								4.7	7.0
ESE	.8	1.2	1.7	.4								4.1	6.7
SE	.1	1.3	.9									2.3	6.0
SSE	.1	.6	.5	.1								1.4	6.8
S	1.0	2.2	2.0	1.7								6.9	7.4
SSW	.6	1.9	2.6	1.3	.2							6.7	8.2
SW	1.1	2.5	2.8	2.2	.2							8.7	8.3
WSW	.9	2.2	2.4	.3	.1							5.8	6.6
W	1.6	2.8	2.3	1.5								8.2	6.9
WNW	.9	1.7	3.8	2.5	.1	.2						9.1	8.9
NW	.4	2.0	3.0	4.6	.4							10.5	10.2
NNW	.2	2.0	2.7	2.4	.4	.1						7.8	9.5
VARBL													
CALM												3.7	
	10.5	29.5	33.5	20.8	1.7	.3						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13705
STATION

ANDREWS AFB MD
STATION NAME

69-70,73-80
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.7	3.0	1.1	.4							7.6	8.0
NNE	.3	.5	.6	.3								1.8	6.6
NE	.2	1.0	1.2	.3								2.7	7.2
ENE	1.0	2.0	1.3	.4								4.7	6.1
E	1.4	3.1	3.0	.3								7.8	6.1
ESE	.5	2.7	1.9	.3								5.5	6.3
SE	.4	1.5	.8	.1								2.8	5.6
SSE	.2	1.2	1.0	.2								2.6	7.1
S	1.2	3.5	3.0	.9	.1							8.7	6.8
SSW	1.4	4.7	3.4	1.2								10.8	6.6
SW	.9	3.8	2.8	1.1								8.5	6.8
WSW	.8	1.3	1.2	.4	.1							3.8	6.7
W	1.0	1.3	.8	.2		.2						3.4	6.8
WNW	.1	1.8	1.9	2.2	.3							6.3	9.7
NW	.4	2.2	3.7	3.5	1.0							10.8	10.3
NNW	.2	1.6	1.8	3.5	.8							8.0	10.8
VARBL													
CALM												4.2	
	10.4	34.9	31.4	16.1	2.7	.2						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

137.5
STATION

ANDREWS AFB MD
STATION NAME

69-70, 73-80
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.8	2.0	1.3								9.1	6.3
NNE	.3	.8	1.0									2.0	6.1
NE	1.1	1.1	.4									2.6	4.3
ENE	1.4	1.3	1.3	.1								4.1	5.4
E	1.7	3.4	1.3	.1								6.6	5.3
ESE	1.2	2.6	.9	.3								4.9	5.3
SE	1.9	2.3	.2									4.4	3.8
SSE	2.0	2.5	.6	.2								5.4	4.7
S	5.2	8.0	.6	.3								14.1	4.3
SSW	2.0	2.3	1.0	.6	.1							6.0	5.6
SW	.9	1.5	.3	.2								2.9	4.8
WSW	.4	.5	.3	.1								1.4	5.8
W	.8	.8	.2	.4								2.2	6.4
WNW	.6	1.6	1.3	1.0								4.5	7.4
NW	.6	1.6	2.7	1.1	.3							6.3	8.6
NNW	.4	1.7	3.0	1.2	.6	.1						7.1	9.2
VARBL													
CALM												16.3	
	22.7	35.6	17.2	7.0	1.1	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1375 STATION ANDREWS AFB MD 69-70, 73-80 YEARS OCT MONTH
1100-2300 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.0	2.9	1.1								8.4	6.7
NNE	.4	1.9	.8									3.1	5.4
NE	.3	1.0	1.2									2.5	6.5
ENE	.2	1.7	.9									2.8	5.7
E	.6	2.4	1.5	.2								4.7	5.8
ESE	.9	1.9	.5	.3								3.7	5.5
SE	.3	.6	.2									1.2	5.2
SSE	1.1	2.3	.9									4.2	4.6
S	4.5	5.4	3.0	.5								13.4	5.0
SSW	1.7	2.5	1.3	.6								6.1	5.9
SW	1.2	1.5	2.3	.4	.1							5.5	6.6
WSW	1.2	.9	.8									2.8	4.6
W	1.1	1.7	.8	.3								3.9	5.5
WNW	.8	1.5	.4	1.0	.1							3.8	7.4
NW		2.0	2.0	1.0	.1	.1						5.3	8.5
NNW	.3	1.0	2.8	1.1	.1							5.3	8.7
VARBL													
CALM												23.4	
	16.0	31.3	22.2	6.6	.4	.1						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13715
STATION

ANDREWS AFB MD
STATION NAME

69-70,73-80
YEARS

OCT
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	3.8	3.3	1.5	.1							10.4	7.0
NNE	.4	1.4	1.4	.2								3.4	6.5
NE	.5	1.7	1.4	.3								3.9	6.5
ENE	.7	1.6	1.4	.3	.0							4.0	6.4
E	.8	1.9	1.5	.2								4.4	6.0
ESE	.6	1.4	.9	.2	.0							3.2	5.9
SE	.5	.9	.4	.1								1.7	5.2
SSE	.6	1.2	.4	.1		.0						2.4	5.3
S	2.5	3.9	2.0	.6	.0							9.0	5.5
SSW	1.5	2.9	2.3	.8	.1							7.5	6.5
SW	1.3	2.5	2.0	.7	.1							6.5	6.5
WSW	.8	1.4	1.1	.1	.0							3.5	5.8
W	1.1	2.0	1.2	.6	.0	.0						5.0	6.3
WNW	.6	1.8	1.8	1.4	.1	.1						5.8	8.3
NW	.5	1.6	2.5	2.2	.3	.0	.0					7.2	9.3
NNW	.5	1.4	2.4	1.7	.3	.0						6.4	9.0
VARBL													
CALM												15.6	
	14.6	31.4	26.0	11.0	1.1	.1	.0					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1375
STATION

ANDREWS AFB MD

STATION NAME

69-70,73-80

YEARS

NOV

MONTH

ALL WEATHER

CLASS

0000-0200

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.3	1.9	.4	.2							6.8	6.3
NNE	.2	1.2	.6	.2								2.2	6.3
NE	.7	1.7	1.1	.1								3.6	5.8
ENE	.7	1.0	1.0									2.7	5.7
E	.6	1.7	.9	.4								3.6	6.3
ESE	.2	.8	.4									1.4	5.6
SE	.6	.8	.8	.2								2.3	6.1
SSE	.4	2.2	.4	.1								3.2	4.8
S	1.4	2.7	1.4	.9								6.5	6.2
SSW	1.6	2.6	2.2	.7								7.0	6.1
SW	1.0	2.1	3.3	1.0								7.5	7.2
WSW	.9	1.4	.7									3.0	5.0
W	1.6	2.9	1.1	.8	.1	.2						6.7	6.7
WNW	.6	1.3	3.9	1.3	.4	.1						7.7	9.2
NW	.3	1.4	3.4	3.0	.3							8.6	9.6
NNW	1.2	1.1	2.4	2.6	.7							8.0	9.5
VARBL													
CALM												19.4	
	13.3	27.7	25.7	11.8	1.8	.3						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

137 5 STATION ANDREWS AFB MD 69-70, 73-80 YEARS NOV MONTH
STATION NAME ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.9	1.8	.6	.1							6.4	6.3
NNE	.4	1.9	.8	.2								3.3	5.8
NE	.8	2.3	.8									3.9	5.1
ENE	.7	1.0	1.3									3.0	5.9
E	.8	.9	1.0	.3								3.0	6.6
ESE	.6	.4	.1									1.1	3.8
SE	.4	.8	.3	.1								1.7	5.3
SSE	.7	.9	.2	.2								2.0	5.7
S	2.0	2.9	1.9	.3								7.1	5.3
SSW	.9	2.3	1.0	.4								4.7	5.6
SW	1.1	3.9	3.2	.2								8.4	6.2
WSW	.9	1.9	1.3	.1								4.2	5.4
W	2.0	2.9	1.6	.7	.1							7.2	6.0
WNW	.8	2.3	2.8	1.3	.1	.1						7.4	8.1
NW	1.1	1.9	3.1	3.4	.3	.1						10.0	9.4
NNW	.6	1.2	2.2	1.7	.7							6.3	9.9
VARBL													
CALM												20.1	
	14.8	30.4	23.4	9.7	1.3	.2						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

137.5 ANDREWS AFB MD 69-70,73-80 NOV
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.8	2.2	.8	.2	.1						7.9	6.7
NNE	1.2	3.1	.9	.1								5.3	5.2
NE	.4	1.4	.8									2.7	5.7
ENE	.2	1.1	2.1									3.4	6.9
E	.2	1.4	.9	.3								2.9	6.7
ESE	.3	1.2										1.6	4.6
SE	.4	.4	.2									1.1	4.6
SSE	.4	1.0	.6	.2								2.2	6.3
S	1.2	1.8	1.3	.7	.1							5.1	6.2
SSW	2.1	1.9	2.0	.7								6.7	6.1
SW	1.2	3.3	2.3	.1								7.0	5.9
WSW	1.4	2.1	.9	.1								4.6	4.7
W	1.1	2.4	1.9	.7	.1							6.2	6.4
WNW	.2	2.2	3.4	3.0	.2							9.1	9.2
NW	.2	.6	3.3	3.1	.3							7.6	10.6
NNW	.6	1.2	1.6	1.7	.1	.1						5.2	9.3
VARBL													
CALM												21.4	
	13.2	28.1	24.4	11.4	1.1	.2						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

137 5 STATION ANDREWS AFB MD 69-70, 73-80 YEARS NOV NORTH
0900-1100 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.7	2.9	.7	.4							6.4	8.0
NNE	1.4	1.6	1.8									4.8	5.3
NE	.8	1.7	.7									3.1	5.4
ENE	.6	2.1	2.1	.1								4.9	6.5
E	.3	2.3	1.7									4.3	6.2
ESE	.2	.8	.8	.4								2.2	7.6
SE	.6	.7	.2	.4								1.9	6.5
SSE	.1	.0	.9	.4	.1							2.4	8.2
S	.7	1.8	2.1	.7	.1							5.3	7.6
SSW	.8	2.0	3.2	2.0	.3							8.3	8.6
SW	.9	1.9	3.9	1.9	.1	.1						8.8	8.3
WSW	.6	2.0	1.1	.9	.1							4.9	7.1
W	1.2	2.7	2.3	1.0	.1							7.3	7.0
WNW	.4	1.3	2.8	2.7	1.0	.1						8.3	10.7
NW	.6	1.0	3.6	5.4	1.1	.1						11.8	11.4
NNW	.6	.8	3.3	2.9	1.6	.1						9.2	11.4
VARBL													
CALM												5.9	
	10.7	25.1	33.3	19.6	5.0	.4						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

137 5 STATION ANDREWS AFB MD 69-70, 73-80 YEARS NOV
STATION NAME CLASS 1200-1400
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.0	2.4	1.4	.4							7.0	8.4
NNE	.6	1.3	1.2	.3	.1							3.6	6.7
NE	.6	1.6	1.0	.2								3.3	5.9
ENE	1.0	.9	1.4									3.3	5.8
E	.	1.8	1.3	.1								3.8	6.1
ESE	.2	1.7	1.0									2.9	5.7
SE	.2	1.4	1.1	.4								3.2	7.3
SSE	.2	.7	.4	.8								2.1	9.2
S	.7	1.1	2.2	1.7	.1							5.8	8.7
SSW	.1	2.3	3.4	3.2	.1							9.2	9.3
SW	.6	1.9	3.9	1.6	.3	.1	.1					8.4	9.3
WSW	.8	2.1	2.4	1.2								6.6	7.6
W	.6	2.6	2.9	1.4	.3	.2						8.0	8.5
WNW	1.0	1.1	3.4	2.7	.7	.4						9.3	10.4
NW	.6	1.0	4.8	5.2	1.2	.8	.1					13.7	12.1
NNW	.3	.3	1.9	2.4	1.1							6.1	11.8
VARBL													
CALM												3.7	
	8.6	23.8	35.0	22.8	4.4	1.6	.2					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1375
STATION

ANDREWS AFB MD
STATION NAME

69-70, 73-80
YEARS

NOV
MONTH
1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.8	3.1	1.2	.2							7.0	8.1
NNE	.9	1.2	1.1	.6								3.8	6.6
NE	.4	1.4	1.2	.2								3.3	6.4
ENE	.8	1.4	1.3	.2								3.8	6.1
E	.3	1.7	1.6									3.6	6.0
ESE	.6	2.0	1.0	.2								3.8	5.6
SE	.3	1.2	1.2	.2								3.0	7.0
SSE	.4	1.8	.9	.7	.1							3.9	7.3
S	.3	3.4	3.2	1.3	.1							8.4	7.5
SSW	1.4	2.0	2.9	1.4	.1		.1					8.0	7.7
SW	.9	1.8	2.2	1.7	.1	.2						6.9	8.5
WSW	.6	1.1	1.1	.3	.1							3.2	7.2
W	1.0	1.8	1.6	1.3	.2							5.9	7.7
WNW	1.0	1.9	2.6	1.4	.6	.1						7.6	8.6
NW	.6	2.1	5.3	4.7	1.4	.7						14.8	11.2
NNW	.2	1.2	2.8	2.6	.6	.2						7.6	11.0
VARBL													
CALM												5.6	
	10.4	27.9	33.1	18.1	3.6	1.2	.1					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13715
STATION

ANDREWS AFB MD
STATION NAME

69-70, 73-80
YEARS

NOV
MONTH
1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	3.6	2.4	.4	.1							7.0	6.7
NNE	.6	1.6	1.0	.1								3.2	5.6
NE	.7	1.4	.9									3.0	5.4
ENE	.6	1.7	1.7									3.9	5.7
E	1.1	1.1	.8	.2								3.2	5.6
ESE	1.2	2.3	.9	.2								4.7	5.0
SE	.8	.6	1.2	.1								2.7	5.7
SSE	1.7	1.8	1.9	.3								5.7	5.8
S	2.1	4.7	1.3	.3								8.4	5.3
SSW	.6	3.4	2.0	1.0								7.0	7.0
SW	.2	1.7	1.0	.3								3.2	6.7
WSW	.8	.3	.2									1.3	4.1
W	.8	.9	.4	.2	.1							2.4	6.5
WNW	.3	1.8	1.8	2.2	.6	.3						7.0	10.4
NW	.3	1.6	2.7	3.2	1.3	.4	.1					9.7	11.9
NNW	.9	2.0	2.7	2.9	.4	.2		.1				9.2	10.0
VARBL													
CALM												18.3	
	13.0	30.3	22.9	11.7	2.6	1.0	.1	.1				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13705
STATION

ANDREWS AFB MD
STATION NAME

69-70, 73-80
YEARS

NOV
MONTH
2100-2300
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.6	1.4	1.1								6.6	6.4
NNE	.6	1.8	.4	.1								2.9	5.3
NE	.2	.9	.6	.1								1.8	5.9
ENE	.4	1.7	.9									3.0	5.4
E	.9	2.7	1.0	.3								4.9	5.4
ESE	.4	1.0	.3	.1								1.9	5.4
SE	.4	1.7	1.0	.1								3.2	6.0
SSE	1.3	1.7	.8	.3								4.1	5.1
S	1.9	5.4	2.6	.6								10.4	5.5
SSW	.8	1.3	2.9	.9	.1							6.0	7.8
SW	.3	2.2	1.2	1.0	.2							5.0	8.2
WSW	.8	1.3	.3	.1								2.6	4.6
W	.7	1.9	1.3		.1	.1						4.1	6.6
WNW	.8	1.6	2.4	2.0	.6	.2						7.6	9.5
NW	.3	1.1	3.3	4.0	.8	.2						9.8	11.5
NNW	.6	2.1	3.4	2.3	.4							8.9	9.4
VARBL													
CALM												17.3	
	11.9	30.9	24.0	13.1	2.2	.6						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13705
STATION

ANDREWS AFB MD
STATION NAME

69-70, 73-80
YEARS

NOV
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.5	2.3	.8	.2	.0						6.9	7.1
NNE	.7	1.7	1.0	.2	.0							3.6	5.8
NE	.6	1.6	.9	.1								3.1	5.7
ENE	.6	1.4	1.5	.0								3.5	6.1
E	.6	1.7	1.1	.2								3.7	6.1
ESE	.5	1.3	.6	.1								2.4	5.5
SE	.5	.9	.8	.2								2.4	6.3
SSE	.7	1.4	.8	.4	.0							3.2	6.3
S	1.3	3.0	2.0	.8	.1							7.1	6.4
SSW	1.0	2.2	2.5	1.3	.1		.0					7.1	7.5
SW	.8	2.3	2.6	1.0	.1	.1	.0					6.9	7.6
WSW	.9	1.5	1.0	.3	.0							3.8	6.1
W	1.1	2.3	1.6	.8	.2	.1						6.0	7.0
WNW	.6	1.7	2.9	2.1	.5	.2						8.0	9.6
NW	.5	1.3	3.7	4.0	.9	.3	.0					10.7	11.1
NNW	.6	1.3	2.5	2.4	.7	.1		.0				7.6	10.3
VARBL													
CALM												14.0	
	12.0	28.0	27.7	14.8	2.8	.7	.1	.0				100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13705
STATION

ANDREWS AFB MD
STATION NAME

69-70, 73-80
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.2	2.2	.6								7.8	6.2
NNE	1.1	2.0	1.7	.4	.1							5.4	6.5
NE	.4	.9	1.2	.3								2.8	6.7
ENE	.8	1.6	1.2	.1								3.7	5.6
E	.9	1.0	.8									2.6	4.8
ESE	.3	.5	.1	.1								1.1	4.9
SE	.2	.2	.3									.8	5.6
SSE	.5	.4	.4									1.4	4.8
S	1.1	2.5	1.4	.8								5.7	6.3
SSW	1.2	2.4	3.0	1.5	.2	.1						8.4	8.0
SW	.8	2.9	2.0	1.0	.1							6.8	7.0
WSW	.6	1.1	.3	.2								2.3	5.6
W	1.0	1.3	.4	.6								3.3	6.4
WNW	.5	1.5	3.0	3.7	.9	.2						9.8	10.9
NW	.3	2.0	3.3	5.6	.6	1.0	.1	.1				13.1	12.1
NNW	.2	1.4	3.9	2.3	.1	.2						8.1	10.2
VARBL													
CALM												17.1	
	11.7	24.9	25.3	17.2	2.0	1.5	.1	.1				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1375
STATION

ANDREWS AFB MD
STATION NAME

69-70,73-80
YEARS

DEC
MONTH
0300-0500
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	4.3	2.0	1.0								9.8	5.7
NNE	.3	2.5	1.5	.1								4.4	6.1
NE	.4	1.6	.4	.2	.1							2.8	6.5
ENE	.4	.5	.9									1.8	5.9
E	.8	.8	.6									2.2	5.0
ESE	.4	.5	.1									1.1	3.8
SE	.2	.2	.5									1.0	6.3
SSE	.1	.9	.2	.1								1.3	5.6
S	1.0	1.6	.8	.3								3.7	5.6
SSW	1.2	2.0	1.6	1.5								6.3	7.2
SW	.9	3.0	1.9	1.4	.1							7.3	7.1
WSW	1.2	1.5	.4	.1								3.2	4.6
W	1.0	1.6	1.6	.8	.2							5.2	7.3
WNW	.3	1.0	3.4	3.1	1.0	.1		.1				9.0	11.5
NW	.3	1.5	4.0	3.9	1.6	1.0	.2					12.5	12.7
NNW	.4	1.7	3.7	1.9	.8							8.5	9.7
VARBL													
CALM												20.0	
	11.4	25.3	23.8	14.4	3.8	1.1	.2	.1				100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13705
STATION

ANDREWS AFB MD
STATION NAME

69-70, 73-80
YEARS

DEC
MONTH

ALL WEATHER

CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.2	2.6	.8								7.7	6.5
NNE	1.1	1.8	1.7	.2	.1							4.9	6.2
NE	.4	2.3	.6	.3	.1	.1						3.9	6.6
ENE	.4	1.0	1.1	.1		.1						2.7	6.8
E	1.0	1.3	.4									2.7	4.2
ESE	.4	.9										1.3	4.2
SE	.3	.3	.1	.1								.9	5.4
SSE	.8	1.0	.1	.2								2.0	4.9
S	2.5	1.3	1.6	.3								5.7	5.0
SSW	1.1	2.4	1.8	1.1	.1							6.5	6.9
SW	.5	2.2	1.7	.8								5.2	7.0
WSW	1.1	2.3	.6	.1								4.1	5.0
W	.9	2.4	1.0	1.2	.1							5.5	7.2
WNW	.5	1.8	3.1	2.7	.9	.5						9.6	10.7
NW	.8	1.0	3.5	4.1	1.3	1.0		.2				11.8	12.7
NNW	.4	.9	2.4	2.4	.4	.2						6.7	10.8
VARBL													
CALM												18.9	
	13.3	25.8	22.5	14.3	3.0	1.9		.2				100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13705
STATION

ANDREWS AFB MD
STATION NAME

69-70, 73-80
YEARS

DEC
MONTH
0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.4	3.7	1.2	.2							8.0	8.0
NNE	.6	2.5	2.4									5.5	6.3
NE	.6	1.9	1.0	.2								3.8	5.9
ENE	.9	1.9	1.3	.2	.2	.1						4.6	7.0
E	.8	1.4	1.2									3.3	5.5
ESE	.5	1.4	.1									2.0	4.5
SE	.4	1.2	.2									1.8	4.9
SSE	.2	.6	.8									1.6	5.7
S	.8	2.3	2.0	1.1								6.1	7.3
SSW	1.0	2.0	3.4	1.6								8.1	7.9
SW	.6	2.2	4.3	1.1	.1							8.3	8.0
WSW	1.0	1.3	1.4	.2								3.9	6.0
W	.6	1.4	.8	.9	.6	.1	.1					4.5	9.7
WNW	.4	.5	2.6	3.8	1.0	.4	.2					8.9	12.5
NW	.1	1.2	2.5	5.5	2.3	1.3	.5	.1				13.4	14.6
NNW	.3	1.3	2.5	3.8	1.3	.6	.1					9.9	12.4
VARBL													
CALM												6.2	
	9.5	25.5	30.0	19.5	5.7	2.6	1.0	.1				100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1375
STATION

ANDREWS AFB MD
STATION NAME

69-70, 73-80
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.2	2.4	1.1	.2							5.5	8.4
NNE	.6	1.0	1.5		.1							3.2	6.4
NE	.5	.6	1.1	.3								2.6	7.0
ENE	1.1	1.0	.8	.3	.1							3.2	6.2
E	.5	1.8	1.2	.1		.2						3.9	6.7
ESE	.3	1.4	.5									2.3	5.2
SE	.5	1.0	.8									2.3	5.0
SSE	.3	.6	.8	.1								1.8	6.1
S	1.3	1.4	2.2	1.8								6.7	7.8
SSW	.4	2.2	5.1	1.9								9.6	8.6
SW	.4	2.2	3.0	1.2	.4	.1						7.3	8.8
WSW	.4	1.1	2.8	.5	.1							4.9	8.0
W	.8	1.8	2.0	1.8	.1	.2						6.8	8.7
WNW	.5	.8	3.0	3.4	1.5	.9	.1	.1				10.3	13.2
NW	.3	1.3	2.8	6.9	2.8	1.1	.2	.1				15.5	13.8
NNW	.2	.8	2.9	2.6	1.4	.5	.3					8.7	13.1
VARBL													
CALM												5.5	
	9.0	20.0	32.7	22.2	6.8	3.0	.6	.2				100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13705
STATION

ANDREWS AFB MD
STATION NAME

69-70,73-80
YEARS

DEC
MONTH
1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.4	2.3	1.2	.2							5.7	8.5
NNE	.5	1.4	.5									2.5	5.3
NE	.6	1.1	1.3	.1								3.1	6.2
ENE	.5	.9	1.0	.8		.2						3.3	8.8
E	1.1	1.9	1.6	.2	.1	.2						5.2	7.0
ESE	.3	1.3	.5	.1								2.3	5.5
SE	.3	1.1	.4									1.8	4.6
SSE	.5	1.7	.5	.3								3.1	6.4
S	1.2	3.0	3.5	1.0								8.7	7.0
SSW	.9	3.1	2.7	1.1	.2							8.0	7.3
SW	.5	1.8	2.5	.9	.3							6.0	8.1
WSW	1.0	1.4	.9	.5								3.8	6.0
W	1.1	1.9	1.5	1.3	.1	.1						6.0	7.6
WNW	.2	1.2	2.4	4.1	1.4	.3	.2					9.8	12.4
NW	.5	1.9	3.0	5.8	.9	1.6	.4					14.2	13.0
NNW	.3	1.1	2.9	2.5	.8	.5	.2					8.3	11.8
VARBL													
CALM												8.3	
	10.3	26.2	27.5	19.8	4.0	3.0	.9					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13715 STATION ANDREWS AFB MD 69-70, 73-80 YEARS DEC MONTH 1800-2000 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.9	2.6	1.0	.1							8.4	6.6
NNE	.2	1.4	1.0	.4								3.0	6.9
NE	1.1	1.1	.8									2.9	5.0
ENE	1.0	1.5	.2	.5	.1							3.3	6.0
E	1.4	1.5	.5	.8		.1						4.3	6.4
ESE	.6	1.8	.3									2.8	4.5
SE	.8	1.3	.3	.1								2.5	4.8
SSE	.4	2.5	1.2	.1								4.2	5.7
S	2.6	4.6	1.8	.2								9.3	5.1
SSW	1.1	2.4	1.6	.6								5.7	6.5
SW	1.1	.8	1.2	1.0								4.0	7.1
WSW	.5	.9	.5		.1							2.0	6.0
W	1.4	1.8	.9	.4								4.5	5.6
WNW	.9	1.1	1.4	3.7	1.1	.3						8.4	11.5
NW	.3	.9	2.5	5.3	1.6	.6	.6					11.9	13.9
NNW	.5	1.3	3.2	2.2	.3	.1	.1					7.8	10.1
VARBL													
CALM												15.0	
	15.7	27.7	20.0	16.3	3.3	1.2	.8					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

18705 STATION ANDREWS AFB MD 69-70,73-80 YEARS DEC MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.9	2.4	.9								9.0	6.1
NNE	1.0	1.8	.9	.8								4.4	6.5
NE	.9	1.3	1.2									3.3	5.4
ENE	1.0	1.1	.9	.2								3.1	5.4
E	.8	1.3	.4			.1						2.6	5.3
ESE	.6	1.0	.3									1.9	4.6
SE	.4	.4	.1	.2								1.2	5.4
SSE	.5	1.6	.8	.1								3.0	5.4
S	1.3	3.3	2.5	.9								8.0	6.5
SSW	1.3	1.8	2.6	1.7								7.4	7.6
SW	.8	1.2	2.0	.9								4.9	7.4
WSW	.4	.8	.9									2.0	5.5
W	.9	1.5	.8	.4	.3							3.9	7.0
WNW	.3	1.0	3.0	3.2	.6	.2	.1	.1				8.6	11.6
NW		.9	2.5	4.7	2.2	.3	.1	.1				10.8	13.5
NNW	.4	1.7	3.0	2.4	1.0	.1						8.6	10.6
VARBL													
CALM												17.2	
	12.4	24.6	24.2	16.4	4.1	.8	.2	.2				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13705
STATION

ANDREWS AFB MD
STATION NAME

69-70, 73-80
YEARS

DEC
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.8	2.5	1.0	.1							7.7	6.8
NNE	.7	1.8	1.4	.2	.0							4.2	6.3
NE	.6	1.3	.9	.2	.0	.0						3.1	6.1
ENE	.8	1.2	.9	.3	.1	.1						3.2	6.5
E	.9	1.4	.8	.1	.0	.1						3.3	5.8
ESE	.5	1.1	.3	.0								1.8	4.7
SE	.4	.7	.3	.1								1.5	5.1
SSE	.4	1.2	.6	.1								2.3	5.7
S	1.5	2.5	2.0	.8								6.7	6.3
SSW	1.0	2.3	2.7	1.4	.1	.0						7.5	7.6
SW	.7	2.0	2.3	1.0	.1	.0						6.2	7.6
WSW	.8	1.3	1.0	.2	.0							3.3	6.0
W	.9	1.7	1.1	.9	.2	.1	.0					5.0	7.5
WNW	.5	1.1	2.7	3.5	1.0	.4	.1	.0				9.3	11.8
NW	.3	1.3	3.0	5.2	1.7	1.0	.3	.1				12.9	13.3
NNW	.4	1.3	3.1	2.5	.8	.3	.1					8.3	11.1
VARBL													
CALM												13.5	
	11.7	25.0	25.7	17.5	4.1	1.9	.5	.1				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 7435

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

175 STATION ANDREWS AFB MD 69-70,73-81 YEARS ALL MONTH ALL HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.1	2.7	1.0	.1	.0						8.2	6.8
NNE	.7	1.5	1.1	.2	.0	.0						3.5	6.2
NE	.6	1.4	1.0	.2	.0	.0						3.3	6.0
ENE	.7	1.2	1.0	.2	.0	.0						3.1	6.0
E	1.0	1.7	1.1	.2	.0	.0						4.0	5.6
ESE	.7	1.5	.7	.1	.0							3.0	5.3
SE	.6	1.0	.7	.2	.0	.0	.0					2.5	6.0
SSE	.7	1.5	.9	.3	.0	.0	.0					3.4	6.0
S	2.1	3.5	2.3	.7	.1	.0						8.7	6.0
SSW	1.2	2.4	2.7	1.1	.1	.0	.0					7.5	7.2
SW	1.0	2.4	2.5	1.0	.1	.0	.0					7.0	7.3
WSW	.8	1.6	1.3	.4	.0	.0	.0					4.2	6.5
W	1.2	2.2	1.4	.5	.1	.0	.0					5.4	6.5
WNW	.6	1.5	2.1	1.9	.6	.2	.0	.0				6.9	10.0
NW	.5	1.5	2.8	3.0	.8	.3	.0	.0				8.9	10.9
NNW	.5	1.4	2.4	1.7	.3	.1	.0	.0				6.5	9.4
VARBL													
CALM												13.8	
	14.2	29.4	26.8	12.7	2.3	.7	.1	.0				100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 87632

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17705
STATION

ANDREWS AFB MD

STATION NAME

69-70,73-81

YEARS

ALL
MONTH

INSTRUMENT

CLASS

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.2	4.0	1.4	.1	.0						10.0	7.4
NNE	1.0	2.8	3.4	1.1	.1							8.3	7.2
NE	1.0	3.4	3.7	.9	.1	.0						9.1	7.0
ENE	1.3	3.0	3.5	.9	.0	.0						8.8	7.0
E	1.5	3.6	3.1	.7	.0	.1						9.0	6.5
ESE	.8	1.9	1.3	.3	.0							4.3	6.1
SE	.7	1.3	1.1	.4	.1	.0	.0					3.6	7.0
SSE	.6	1.3	.8	.6	.1	.0	.0					3.5	7.3
S	1.6	2.5	2.0	1.0	.1	.1						7.3	6.8
SSW	.8	1.8	2.3	.8	.0							5.8	7.2
SW	.7	1.8	1.6	.6	.1							4.8	6.9
WSW	.4	1.0	.9	.1	.0	.0						2.4	6.5
W	1.0	1.3	.6	.3	.0	.0						3.2	5.5
WNW	.4	.8	.7	.3	.1	.1						2.4	7.6
NW	.3	.6	.6	.6	.2	.1	.0					2.4	9.6
NNW	.3	.8	1.4	.7	.1	.1	.0	.0				3.4	9.1
VARBL													
CALM												11.7	
	13.7	31.3	30.9	10.6	1.1	.5	.1	.0				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

9800

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS (L.S.T.)	
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION

STATION NAME

YEARS

NOTES

CLASSE

NUMBER (197)

CONDITION

123456789 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456

[illegible]

TOTAL NUMBER OF OBSERVATIONS

* * * * * UNIVAC 1100 TIME/SHARING EXEC --- MULTI-PROCESSOR SYSTEM --- LEV. 36R2D*01

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

RUNID * B05088 USER ID * CLASS PART NUMBER * 00 INPUT DEVICE * CR2

FILE NAME * LSTFIL2 CREATED AT: 02:34:48 OCT 03, 1981 PRINT

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	NORTH
CLASS		HOURS (L.S.T.)	
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{5}{16}$	≥ 0
NO CEILING															
≥ 1800															
≥ 1500					91.0										92.6
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500										97.4					98.1
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0					95.4		96.9			98.3					100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13795

ANDREWS AFB MD

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	8.7	53.1	53.5	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 20000	9.0	56.8	57.2	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 18000	9.3	57.0	57.4	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 16000	9.0	57.1	57.5	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 14000	9.0	58.4	58.8	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 12000	9.1	59.6	60.0	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 10000	9.9	63.1	63.5	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 9000	9.9	63.3	63.8	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 8000	9.9	66.6	67.2	67.5	67.6	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 7000	10.0	68.2	68.8	69.1	69.2	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 6000	10.0	69.4	70.1	70.4	70.5	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 5000	10.1	71.8	72.7	73.4	73.5	73.5	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4500	10.1	73.7	74.7	75.5	75.6	75.6	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4000	10.2	75.8	77.0	78.0	78.5	78.5	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3500	10.2	77.1	78.3	79.2	79.8	79.8	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 3000	10.2	79.1	80.3	81.5	82.2	82.2	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2500	10.2	79.7	80.9	82.0	82.7	82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2000	10.5	80.8	81.9	83.2	84.0	84.1	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1800	10.5	80.9	82.0	83.3	84.2	84.3	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1500	10.5	81.7	82.9	84.2	85.1	85.2	85.6	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1200	10.5	82.0	83.5	84.9	85.9	86.0	86.6	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1000	10.5	82.4	84.0	85.5	86.6	86.8	87.3	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 900	10.5	82.5	84.2	85.7	86.8	87.0	87.5	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 800	10.5	82.9	84.8	86.7	88.0	88.3	88.9	89.4	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 700	10.5	83.0	85.2	87.4	88.7	89.1	89.8	90.4	90.8	91.1	91.2	91.2	91.2	91.2	91.2	91.2
≥ 600	10.5	83.0	85.2	87.4	89.0	89.7	90.3	91.0	91.3	91.7	92.0	92.0	92.0	92.0	92.0	92.0
≥ 500	10.5	83.0	85.3	87.6	89.6	90.2	90.9	91.5	91.9	92.8	93.1	93.2	93.4	93.4	93.4	93.4
≥ 400	10.5	83.0	85.4	88.3	90.4	91.2	92.0	93.1	93.7	94.5	94.8	94.9	95.2	95.2	95.3	95.3
≥ 300	10.5	83.0	85.4	88.5	90.6	91.5	92.6	93.8	94.3	95.2	95.5	95.6	95.8	95.8	95.9	95.9
≥ 200	10.5	83.0	85.4	88.6	90.8	91.6	92.7	94.3	94.8	95.9	96.3	96.5	96.8	96.9	97.0	97.0
≥ 100	10.5	83.0	85.4	88.6	90.8	91.6	92.7	94.6	95.2	96.8	97.4	97.5	98.5	98.7	99.1	99.6
0	10.5	83.0	85.4	88.6	90.8	91.6	92.7	94.6	95.2	96.8	97.4	97.5	98.5	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

70, 73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES:															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	7.8	50.3	51.2	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 20000	8.3	54.9	55.9	56.1	56.1	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 18000	8.3	54.9	55.9	56.1	56.1	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 16000	8.3	55.2	56.1	56.3	56.3	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 14000	8.3	56.0	57.0	57.2	57.2	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 12000	8.4	57.6	58.6	58.8	58.8	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 10000	8.9	61.9	62.9	63.1	63.1	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 9000	8.9	62.6	63.5	63.8	63.8	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 8000	9.2	65.5	66.9	67.1	67.1	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 7000	9.2	66.2	67.7	68.1	68.1	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 6000	9.2	66.9	68.4	68.9	68.9	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 5000	9.4	68.5	70.4	71.2	71.2	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4500	9.4	70.9	72.8	73.5	73.7	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 4000	9.4	73.2	75.3	76.3	76.8	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3500	9.4	74.0	76.0	77.2	77.7	77.8	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 3000	9.4	75.7	77.7	79.2	79.9	80.1	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0
≥ 2500	9.4	76.2	78.4	80.2	81.1	81.3	81.9	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2
≥ 2000	9.4	77.7	79.9	81.7	82.6	82.8	83.7	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1800	9.4	78.1	80.2	82.0	82.9	83.1	84.0	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1500	9.4	78.7	80.9	82.8	83.9	84.1	84.9	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1200	9.4	79.0	81.4	83.4	84.7	84.9	85.8	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1000	9.4	79.5	82.0	84.3	85.6	85.8	86.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8
≥ 900	9.4	79.9	82.5	84.9	86.2	86.5	87.3	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6
≥ 800	9.4	80.1	82.7	85.3	86.7	86.9	87.8	89.1	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4
≥ 700	9.4	80.3	83.1	86.2	87.8	88.1	89.0	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5
≥ 600	9.4	80.3	83.2	86.3	88.1	88.4	89.4	90.6	90.6	90.6	90.9	90.9	90.9	90.9	91.0	91.0
≥ 500	9.4	80.8	83.9	87.1	89.0	89.5	90.5	91.9	92.2	92.6	93.0	93.0	93.0	93.0	93.1	93.1
≥ 400	9.4	80.8	84.0	87.5	90.0	90.4	91.9	93.5	93.8	94.2	94.6	94.6	94.6	94.7	94.8	94.8
≥ 300	9.4	80.8	84.0	87.5	90.2	90.9	92.6	94.3	94.5	95.2	95.6	95.6	95.6	95.8	96.0	96.0
≥ 200	9.4	80.8	84.0	87.5	90.2	90.9	92.7	94.4	94.6	95.6	96.1	96.1	96.3	96.5	96.7	96.7
≥ 100	9.4	80.8	84.0	87.5	90.2	90.9	92.7	94.4	94.6	95.8	96.5	96.7	97.1	97.3	98.6	99.5
≥ 0	9.4	80.8	84.0	87.5	90.2	90.9	92.7	94.4	94.6	95.8	96.5	96.7	97.2	97.4	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

177 5

ANDREWS AFB MD

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-2800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	5.3	43.4	44.9	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5
≥ 20000	5.5	47.8	49.7	49.9	50.2	50.2	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 18000	5.5	48.0	49.8	50.0	50.3	50.3	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 16000	5.5	48.0	49.8	50.0	50.3	50.3	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 14000	5.6	48.7	50.5	50.8	51.1	51.1	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 12000	5.7	51.5	53.3	53.5	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 10000	6.0	56.6	58.5	58.7	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 9000	6.3	58.2	60.1	60.3	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 8000	6.3	61.6	63.8	64.1	64.5	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 7000	6.3	63.1	65.3	65.6	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 6000	6.2	64.7	66.9	67.2	67.8	67.8	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 5000	6.5	66.7	68.9	69.4	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4500	6.6	68.8	71.1	71.5	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 4000	6.8	71.8	74.3	75.2	76.0	76.1	76.2	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 3500	6.8	72.3	74.8	75.7	76.9	77.0	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3000	6.8	74.3	77.2	78.2	79.5	79.6	79.9	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 2500	6.8	75.3	78.2	79.1	80.6	80.8	81.1	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 2000	6.8	76.5	79.6	80.6	82.2	82.3	82.6	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1800	6.8	76.8	79.9	81.0	82.5	82.6	82.9	83.5	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 1500	6.8	77.3	80.4	81.6	83.2	83.3	83.8	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1200	6.8	77.5	80.8	82.0	84.1	84.2	84.7	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1000	6.8	78.0	81.3	82.6	84.6	84.7	85.3	85.9	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 900	6.8	78.1	81.4	82.7	84.7	84.9	85.6	86.2	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 800	6.8	78.1	81.5	83.0	85.3	85.6	86.3	87.0	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 700	6.8	78.5	82.0	83.5	85.8	86.1	86.9	87.5	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 600	6.8	78.6	82.2	83.8	86.2	86.6	87.3	88.1	88.5	88.8	88.8	88.8	88.8	88.9	88.9	88.9
≥ 500	6.8	78.8	82.5	84.2	86.7	87.2	88.2	89.1	89.6	89.9	89.9	89.9	89.9	90.2	90.2	90.3
≥ 400	6.8	78.8	82.5	84.4	88.1	88.8	90.0	91.2	91.6	92.2	92.2	92.2	92.2	92.5	92.5	92.6
≥ 300	6.9	78.8	82.5	84.4	88.2	89.2	90.9	92.3	92.9	93.7	93.9	93.9	93.9	94.6	94.6	94.7
≥ 200	6.8	78.8	82.5	84.4	88.3	89.4	91.1	92.6	93.9	95.1	95.4	95.4	96.3	96.3	96.5	96.6
≥ 100	6.8	78.8	82.5	84.4	88.3	89.5	91.5	93.1	94.4	96.0	96.8	96.8	96.8	98.0	98.4	98.8
≥ 0	6.8	78.8	82.5	84.4	88.3	89.5	91.5	93.1	94.4	96.0	96.8	96.8	96.8	98.0	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS

937

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1775

ANDREWS AFB MD

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	4.2	39.2	4.8	41.1	41.7	41.8	41.8	41.9	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.2
≥ 20000	4.3	43.5	45.3	45.9	46.6	46.8	46.9	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.2
≥ 18000	4.4	44.4	46.2	46.9	47.5	47.7	48.0	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.3
≥ 16000	4.4	44.8	46.7	47.3	48.0	48.2	48.4	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.7
≥ 14000	4.6	46.1	48.1	48.7	49.4	49.6	49.8	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.1
≥ 12000	4.6	48.3	50.2	50.9	51.5	51.7	51.9	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.3
≥ 10000	4.7	53.7	55.6	56.2	56.9	57.1	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.6
≥ 9000	4.7	55.4	57.3	58.0	58.6	58.8	59.0	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.4
≥ 8000	4.7	60.1	62.3	62.9	63.7	63.9	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.5
≥ 7000	4.8	62.4	64.6	65.5	66.2	66.5	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.1
≥ 6000	4.8	63.4	65.8	66.7	67.4	67.6	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.4
≥ 5000	4.8	66.7	69.5	70.5	71.3	71.5	71.9	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.3
≥ 4500	4.8	68.1	70.9	71.9	72.8	73.0	73.4	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.9
≥ 4000	4.8	71.5	74.4	75.9	77.0	77.2	77.7	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.2
≥ 3500	4.8	72.3	75.3	76.9	78.1	78.3	78.8	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.2
≥ 3000	4.3	73.8	77.0	78.6	80.1	80.4	81.1	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.7
≥ 2500	4.8	74.1	77.4	79.1	80.8	81.1	81.7	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.4
≥ 2000	4.8	75.1	78.7	80.4	82.3	82.6	83.2	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	84.0
≥ 1800	4.8	75.1	78.7	80.5	82.5	82.8	83.4	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.2
≥ 1500	4.8	75.2	78.9	80.9	82.8	83.1	83.8	84.4	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.7
≥ 1200	4.8	75.7	79.6	81.5	83.4	83.8	84.4	85.1	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.4
≥ 1000	4.8	76.0	80.6	82.6	84.5	84.9	85.8	86.5	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.8
≥ 900	4.8	76.1	80.8	82.7	84.7	85.2	86.3	87.1	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.4
≥ 800	4.8	76.1	81.0	83.2	85.5	86.0	87.5	88.5	88.5	88.6	88.7	88.8	88.8	88.8	88.8	88.9
≥ 700	4.8	76.2	81.2	83.4	85.7	86.6	88.4	89.6	89.6	89.8	89.9	90.0	90.0	90.0	90.0	90.1
≥ 600	4.8	76.2	81.2	83.4	85.7	86.7	88.5	89.9	90.0	90.5	90.8	90.9	91.0	91.0	91.0	91.1
≥ 500	4.8	76.3	81.3	84.0	86.6	87.7	89.8	91.4	91.6	92.3	92.6	92.7	92.8	92.9	92.9	93.0
≥ 400	4.8	76.3	81.3	84.3	87.3	88.7	91.1	93.0	93.3	94.1	94.8	95.1	95.2	95.3	95.3	95.4
≥ 300	4.8	76.3	81.3	84.3	87.3	88.8	91.7	94.5	94.9	96.0	96.9	97.1	97.4	97.5	97.6	97.7
≥ 200	4.8	76.3	81.3	84.3	87.3	88.8	91.8	94.9	95.5	96.8	97.7	98.0	98.4	98.8	98.9	99.4
≥ 100	4.8	76.3	81.3	84.3	87.3	88.8	91.8	94.9	95.5	96.8	98.0	98.2	98.6	99.1	99.4	99.9
≥ 0	4.8	76.3	81.3	84.3	87.3	88.8	91.8	94.9	95.5	96.8	98.0	98.2	98.6	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1075
STATION

ANDREWS AFB MD

STATION NAME

70,73-81

YEARS

JAN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	4.3	37.7	38.1	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 20000	4.6	43.3	44.0	44.6	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 18000	4.3	44.6	45.3	45.9	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 16000	4.3	44.9	45.6	46.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 14000	4.3	46.3	47.1	47.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 12000	4.3	49.2	50.0	50.6	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 10000	4.3	53.5	54.3	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 9000	4.3	54.7	55.6	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 8000	5.1	59.6	60.5	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 7000	5.5	63.2	64.3	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 6000	5.5	64.4	65.5	66.1	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 5000	5.5	67.5	68.9	69.6	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 4500	5.6	68.8	70.4	71.1	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 4000	5.8	73.2	75.3	76.0	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 3500	5.9	73.9	75.9	76.7	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3000	5.3	76.5	78.9	80.1	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 2500	5.9	77.8	81.5	81.8	82.4	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 2000	5.9	78.8	81.6	83.1	83.9	84.2	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1800	5.3	78.8	81.6	83.1	83.9	84.2	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1500	5.9	79.0	81.8	83.4	84.2	84.7	85.3	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1200	5.9	80.1	83.1	84.7	85.6	86.1	86.8	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1000	5.9	80.2	83.9	85.8	86.7	87.2	88.0	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 900	5.9	80.4	84.1	86.0	86.9	87.4	88.2	88.6	88.7	89.1	89.2	89.2	89.2	89.2	89.2	89.2
≥ 800	5.9	80.4	84.2	86.1	87.0	87.7	88.7	89.4	89.5	90.1	90.3	90.3	90.5	90.5	90.5	90.5
≥ 700	5.9	80.4	84.2	86.1	87.2	88.1	89.4	90.3	90.5	91.4	91.6	91.6	91.8	91.8	91.8	91.8
≥ 600	5.9	80.4	84.2	86.2	87.5	88.4	89.7	90.8	91.0	91.8	92.0	92.0	92.3	92.3	92.3	92.3
≥ 500	5.9	80.8	84.7	86.8	88.7	90.2	92.0	93.2	93.5	94.7	95.1	95.1	95.3	95.3	95.3	95.3
≥ 400	5.9	80.8	84.7	87.1	89.1	91.0	92.8	94.1	94.4	95.9	96.2	96.2	96.7	96.8	96.8	96.8
≥ 300	5.9	80.8	84.7	87.1	89.1	91.5	93.7	95.2	95.8	97.6	98.0	98.0	98.6	98.7	98.7	98.7
≥ 200	5.9	80.8	84.7	87.1	89.1	91.5	93.7	95.2	95.8	97.8	98.4	98.5	99.1	99.4	99.4	99.7
≥ 100	5.9	80.8	84.7	87.1	89.1	91.5	93.7	95.2	95.8	97.8	98.6	98.7	99.4	99.6	99.6	100.0
≥ 0	5.9	80.8	84.7	87.1	89.1	91.5	93.7	95.2	95.8	97.8	98.6	98.7	99.4	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC

FORM
JUL 66

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

375

ANDREWS AFB MD

70,73-61

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	5.4	42.4	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥10000	5.8	49.1	49.7	49.9	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥18000	5.8	49.7	50.2	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥16000	5.9	50.3	50.9	51.1	51.1	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥14000	5.9	51.4	51.9	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥12000	6.1	54.0	54.5	54.7	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥10000	6.6	59.4	59.9	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥9000	6.6	60.2	60.8	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥8000	6.6	64.2	64.8	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥7000	6.7	66.6	67.5	68.0	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥6000	6.7	68.5	69.5	69.9	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥5000	6.7	70.6	71.8	72.3	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥4500	6.7	72.3	73.5	74.0	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥4000	6.7	75.4	76.8	77.2	77.3	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥3500	6.7	75.8	77.3	77.8	78.0	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥3000	6.7	78.8	81.2	82.0	82.4	82.5	82.6	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥2500	6.7	79.1	81.6	82.6	83.3	83.4	83.7	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥2000	6.7	79.7	82.2	83.3	84.2	84.3	84.7	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥1800	6.7	79.7	82.2	83.3	84.2	84.3	84.7	84.9	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥1500	6.7	80.3	82.9	84.4	85.3	85.5	86.1	86.5	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥1200	6.7	80.5	83.3	85.2	86.0	86.2	87.0	87.3	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥1000	6.7	80.5	83.3	85.3	86.5	86.8	87.8	88.3	88.4	88.8	88.8	88.8	88.9	89.0	89.0	89.0
≥900	6.7	80.5	83.5	85.6	86.8	87.1	88.2	88.8	88.9	89.6	89.7	89.8	89.9	89.9	89.9	89.9
≥800	6.7	80.5	83.5	85.7	87.3	88.0	89.1	89.8	89.9	90.5	90.6	90.8	90.9	90.9	90.9	90.9
≥700	6.7	80.5	83.5	85.7	87.6	88.4	89.7	90.3	90.4	91.1	91.3	91.4	91.5	91.5	91.5	91.5
≥600	6.7	80.5	83.7	86.0	88.2	89.5	91.0	92.0	92.2	92.8	93.0	93.1	93.2	93.2	93.2	93.2
≥500	6.7	80.6	84.0	86.5	89.2	90.6	92.6	93.8	94.2	94.9	95.2	95.3	95.5	95.6	95.7	95.7
≥400	6.7	80.6	84.0	86.5	89.5	91.1	93.4	95.1	95.5	96.5	96.8	96.9	97.1	97.2	97.3	97.3
≥300	6.7	80.6	84.0	86.5	89.5	91.3	93.9	95.9	96.8	98.0	98.6	98.7	98.9	99.0	99.1	99.1
≥200	6.7	80.6	84.0	86.5	89.5	91.3	93.9	95.9	96.9	98.3	99.0	99.2	99.5	99.6	99.7	99.9
≥100	6.7	80.6	84.0	86.5	89.5	91.3	93.9	95.9	96.9	98.3	99.0	99.2	99.5	99.6	99.7	99.9
≥0	6.7	80.6	84.0	86.5	89.5	91.3	93.9	95.9	96.9	98.3	99.0	99.2	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	6.9	50.2	50.4	50.6	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 20000	7.2	55.8	56.0	56.2	56.3	56.5	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
IV 18000	7.2	56.6	56.8	57.0	57.1	57.2	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 16000	7.4	57.1	57.3	57.5	57.6	57.7	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 14000	7.4	57.8	58.1	58.3	58.4	58.5	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
IV 12000	7.4	58.5	58.7	58.9	59.0	59.1	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
IV 10000	8.1	61.4	61.7	62.0	62.2	62.3	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 9000	8.1	62.2	62.5	62.8	62.9	63.0	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 8000	8.2	66.6	66.9	67.2	67.3	67.4	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 7000	8.2	68.7	69.1	69.5	69.6	69.7	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 6000	8.2	71.2	71.7	72.2	72.3	72.4	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 5000	8.2	73.9	74.5	74.9	75.1	75.2	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 4500	8.3	75.1	75.7	76.2	76.3	76.5	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 4000	8.4	77.8	78.6	79.2	79.6	79.7	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 3500	8.4	78.9	79.9	80.5	80.9	81.1	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 3000	8.4	80.5	81.7	82.8	83.3	83.5	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 2500	8.4	82.9	84.1	85.3	85.9	86.1	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 2000	8.4	83.9	85.1	86.2	86.9	87.1	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 1800	8.4	84.1	85.3	86.6	87.2	87.4	87.8	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 1500	8.4	84.5	85.8	87.2	88.0	88.2	88.6	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 1200	8.4	85.1	86.6	88.1	88.8	89.0	89.6	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 1000	8.4	85.2	86.8	88.6	89.5	89.9	90.6	91.0	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 900	8.4	85.3	86.9	88.7	89.6	90.0	90.8	91.1	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 800	8.4	85.4	87.0	89.0	89.9	90.3	91.1	91.5	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 700	8.4	85.4	87.1	89.6	91.0	91.4	92.3	92.8	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 600	8.4	85.4	87.1	89.6	91.1	91.5	92.5	93.0	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 500	8.4	85.4	87.1	89.7	91.3	91.8	92.9	93.7	94.0	94.5	94.7	94.7	94.8	94.8	94.8	94.8
IV 400	8.4	85.4	87.1	89.8	91.4	91.9	93.7	94.9	95.3	95.9	96.1	96.1	96.2	96.2	96.2	96.2
IV 300	8.4	85.4	87.1	89.9	91.5	92.0	93.8	95.4	95.7	96.3	96.7	96.8	97.0	97.0	97.2	97.3
IV 200	8.4	85.4	87.1	90.0	91.6	92.3	94.0	95.6	96.0	96.8	97.2	97.4	97.8	97.8	98.3	98.5
IV 100	8.4	85.4	87.1	90.0	91.6	92.3	94.0	95.6	96.0	96.9	97.3	97.6	98.2	98.3	98.8	99.6
IV 0	8.4	85.4	87.1	90.0	91.6	92.3	94.0	95.6	96.0	96.9	97.3	97.6	98.2	98.3	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS

93

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	9.6	52.0	52.3	52.4	52.4	52.4	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 20000	9.6	57.4	57.6	57.8	57.8	57.8	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 18000	9.6	57.7	58.0	58.2	58.2	58.2	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 16000	9.8	58.2	58.4	58.6	58.6	58.6	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 14000	9.9	59.0	59.2	59.5	59.5	59.5	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 12000	9.9	61.3	61.5	61.7	61.7	61.7	62.0	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 10000	10.4	64.5	64.8	65.1	65.1	65.1	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 9000	10.4	65.1	65.4	65.6	65.6	65.6	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 8000	10.4	68.6	68.9	69.1	69.1	69.1	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 7000	10.6	70.8	71.1	71.3	71.3	71.3	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 6000	10.6	72.5	72.9	73.1	73.2	73.2	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 5000	10.8	75.9	76.3	76.6	76.7	76.7	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4500	10.8	76.8	77.2	77.4	77.5	77.5	77.8	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 4000	10.8	78.5	79.1	79.4	79.5	79.6	79.9	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 3500	10.9	79.7	80.2	80.5	80.6	80.8	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3000	11.1	81.8	82.9	83.3	83.4	83.5	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 2500	11.1	82.8	84.0	84.4	84.5	84.7	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2000	11.3	84.9	86.1	86.7	86.9	87.1	87.5	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1800	11.3	84.9	86.1	86.7	87.0	87.2	87.6	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1500	11.3	85.6	86.8	87.4	88.0	88.2	88.7	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1200	11.3	86.0	87.2	87.8	88.4	88.6	89.1	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1000	11.3	86.5	87.6	88.3	88.9	89.1	89.7	90.1	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 900	11.3	86.6	87.7	88.4	89.2	89.5	90.0	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 800	11.3	86.6	87.7	88.8	89.8	90.0	90.5	91.2	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 700	11.3	86.7	88.1	89.2	90.6	91.0	91.5	92.2	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 600	11.3	86.7	88.3	89.7	91.1	91.4	92.0	92.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 500	11.3	86.7	88.4	89.8	91.3	91.6	92.5	93.4	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 400	11.3	86.7	88.5	90.6	92.6	92.9	93.8	94.8	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 300	11.3	86.7	88.6	90.8	93.0	93.4	94.3	95.5	95.9	96.1	96.1	96.1	96.2	96.3	96.3	96.3	96.3
≥ 200	11.3	86.7	88.6	90.9	93.1	93.5	94.4	95.8	96.6	97.1	97.5	97.5	97.8	98.0	98.0	98.3	98.3
≥ 100	11.3	86.7	88.6	90.9	93.1	93.5	94.4	95.8	96.6	97.3	97.8	97.8	98.2	98.4	98.4	98.4	99.1
≥ 0	11.3	86.7	88.6	90.9	93.1	93.5	94.4	95.8	96.6	97.3	97.8	97.8	98.2	98.4	98.4	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1775

ANDREWS AFB MD

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	6.5	46.1	46.7	47.0	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.3
≥ 20000	6.8	51.1	51.9	52.3	52.4	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.7
≥ 18000	6.8	51.6	52.4	52.8	53.0	53.0	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 16000	6.9	51.9	52.8	53.1	53.3	53.3	53.5	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 14000	6.9	53.0	53.8	54.2	54.4	54.4	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 12000	7.0	55.0	55.9	56.2	56.4	56.4	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7
≥ 10000	7.4	59.3	60.2	60.5	60.7	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 9000	7.4	60.2	61.1	61.5	61.7	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 8000	7.5	64.1	65.2	65.5	65.7	65.8	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 7000	7.6	66.1	67.3	67.7	68.0	68.0	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 6000	7.7	67.6	68.8	69.3	69.6	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0
≥ 5000	7.7	70.2	71.6	72.2	72.5	72.6	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 4500	7.8	71.8	73.3	73.9	74.2	74.3	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 4000	7.8	74.7	76.3	77.2	77.6	77.7	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3500	7.9	75.5	77.2	78.1	78.6	78.7	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 3000	7.9	77.6	79.6	80.7	81.4	81.5	81.9	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2
≥ 2500	7.9	78.5	80.6	81.8	82.7	82.8	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6
≥ 2000	8.0	79.7	81.9	83.2	84.1	84.3	84.8	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1800	8.0	79.8	82.0	83.3	84.3	84.5	85.0	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1500	8.0	80.3	82.6	84.0	85.0	85.3	85.8	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1200	8.0	80.8	83.2	84.7	85.9	86.1	86.7	87.2	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5
≥ 1000	8.0	81.0	83.7	85.4	86.6	86.9	87.6	88.2	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 900	8.0	81.2	83.9	85.6	86.9	87.2	88.0	88.6	88.8	89.0	89.0	89.1	89.1	89.1	89.1	89.1
≥ 800	8.0	81.3	84.1	86.0	87.4	87.8	88.8	89.5	89.6	89.9	90.0	90.0	90.1	90.1	90.1	90.1
≥ 700	8.0	81.4	84.3	86.4	88.1	88.6	89.6	90.4	90.6	91.0	91.1	91.1	91.1	91.1	91.1	91.2
≥ 600	8.0	81.4	84.4	86.6	88.4	89.0	90.1	91.0	91.2	91.6	91.8	91.8	91.9	91.9	91.9	91.9
≥ 500	8.0	81.5	84.6	86.9	89.0	89.9	91.2	92.3	92.6	93.2	93.4	93.5	93.6	93.7	93.7	93.7
≥ 400	8.0	81.5	84.7	87.3	89.8	90.8	92.3	93.7	94.1	94.8	95.1	95.2	95.4	95.4	95.5	95.5
≥ 300	8.0	81.5	84.7	87.4	89.9	91.1	92.9	94.6	95.1	96.0	96.4	96.5	96.8	96.9	96.9	97.0
≥ 200	8.0	81.5	84.7	87.4	90.0	91.2	93.0	94.8	95.5	96.7	97.2	97.3	97.8	97.9	98.0	98.2
≥ 100	8.0	81.5	84.7	87.4	90.0	91.2	93.1	94.9	95.6	97.0	97.7	97.8	98.4	98.7	99.0	99.6
≥ 0	8.0	81.5	84.7	87.4	90.0	91.2	93.1	94.9	95.6	97.0	97.7	97.8	98.4	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 7441

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13715

ANDREWS AFB MD

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

HOURS (L.E.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	4.6	56.9	57.3	57.3	57.4	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	58.0
≥ 20000	5.0	60.3	60.8	60.8	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.5
IV 18000	5.1	60.9	61.3	61.3	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	62.1
IV 16000	5.0	61.9	62.4	62.4	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	63.1
IV 14000	5.0	62.8	63.2	63.2	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.9
IV 12000	5.0	63.4	63.9	63.9	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.7
IV 10000	5.1	66.5	67.4	67.4	67.6	67.6	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.3
IV 9000	5.1	67.0	67.8	68.0	68.2	68.2	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.9
≥ 8000	5.1	69.3	70.1	70.2	70.7	70.7	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.4
IV 7000	5.1	72.0	72.9	73.0	73.5	73.5	73.5	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	74.2
IV 6000	5.1	73.9	74.9	75.1	75.5	75.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	76.2
IV 5000	5.1	76.2	77.4	77.5	78.1	78.1	78.1	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.2
IV 4500	5.1	77.7	79.0	79.3	80.0	80.3	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	81.1
IV 4000	5.1	78.8	80.4	80.7	81.4	81.7	81.8	81.9	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.9
IV 3500	5.1	80.5	82.0	82.4	83.1	83.3	83.5	83.6	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.5
IV 3000	5.1	81.8	83.6	84.3	85.3	85.6	85.8	85.9	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.9
IV 2500	5.1	82.4	84.4	85.1	86.2	86.6	86.9	87.0	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.9
IV 2000	5.1	83.1	85.2	86.1	87.4	87.8	88.1	88.2	88.4	88.5	88.7	88.7	88.7	88.7	88.7	89.1
IV 1800	5.1	83.2	85.3	86.2	87.8	88.3	88.5	88.7	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.6
IV 1500	5.1	83.7	85.8	86.8	88.4	88.9	89.1	89.2	89.5	89.6	89.7	89.7	89.7	89.7	89.7	90.2
IV 1200	5.1	84.4	86.6	87.6	89.4	89.8	90.2	90.3	90.5	90.7	90.8	90.8	90.8	90.8	90.8	91.3
IV 1000	5.1	84.6	86.9	87.9	89.8	90.3	90.7	90.8	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.7
IV 900	5.1	84.6	86.9	87.9	89.8	90.3	90.7	90.8	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.7
IV 800	5.1	84.9	87.5	88.7	90.5	91.0	91.4	91.6	92.0	92.1	92.3	92.3	92.3	92.3	92.3	92.8
IV 700	5.1	84.9	87.5	89.0	90.9	91.4	91.7	92.0	92.3	92.4	92.7	92.7	92.7	92.7	92.7	93.1
IV 600	5.1	84.9	87.5	89.1	91.0	91.6	92.0	92.2	92.6	92.7	92.9	92.9	93.0	93.0	93.0	93.5
IV 500	5.1	85.0	87.7	89.6	91.5	92.1	92.6	93.0	93.5	93.6	93.9	93.9	94.0	94.0	94.0	94.4
IV 400	5.1	85.0	87.7	89.7	91.7	92.4	93.1	93.7	94.3	94.4	94.7	94.7	94.8	94.8	94.8	95.3
IV 300	5.1	85.0	87.7	89.7	92.1	92.8	93.7	94.7	95.5	95.6	96.0	96.0	96.2	96.2	96.2	96.8
IV 200	5.1	85.1	87.8	90.0	92.3	93.0	94.0	94.9	95.7	96.0	96.3	96.3	96.9	96.9	96.9	97.6
IV 100	5.1	85.1	87.8	90.0	92.3	93.0	94.0	94.9	96.0	96.3	96.8	96.8	97.5	97.5	98.3	99.5
IV 0	5.1	85.1	87.8	90.0	92.3	93.0	94.0	94.9	96.0	96.3	96.8	96.8	97.5	97.5	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705

ANDREWS AFB MD

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 3/16	≥ ¼	≥ 0
NO CEILING	3.4	56.4	57.7	57.9	57.9	58.0	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3
≥ 20000	3.7	60.0	61.6	61.8	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4
IV 18000	3.7	60.2	61.7	61.9	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.5
IV 16000	3.7	60.8	62.3	62.5	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1
IV 14000	3.7	61.0	62.5	62.8	63.0	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.4
IV 12000	3.8	61.9	63.5	63.8	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4
IV 10000	3.8	65.7	67.3	67.6	67.8	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2
IV 9000	3.8	66.4	68.0	68.3	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9
IV 8000	3.8	69.6	71.4	71.7	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.5
IV 7000	3.8	71.5	73.3	73.6	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3
IV 6000	3.9	72.8	74.6	74.9	75.3	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.7
IV 5000	3.8	74.9	76.8	77.3	77.8	78.1	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7
IV 4500	3.9	76.5	78.6	79.1	79.7	80.0	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6
IV 4000	3.8	77.7	80.0	80.6	81.3	81.7	82.0	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.4
IV 3700	3.8	78.4	80.9	81.7	82.4	82.7	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.5
IV 3400	3.8	79.4	82.3	83.2	84.6	85.0	85.3	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.8
IV 3100	3.8	80.4	83.5	84.5	86.2	86.5	87.1	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6
IV 2800	3.8	81.0	84.3	85.3	87.2	87.6	88.2	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.8
IV 2500	3.8	81.0	84.3	85.3	87.2	87.6	88.2	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.8
IV 2200	3.8	81.3	84.8	85.8	87.7	88.1	88.7	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.2
IV 2000	3.8	81.8	85.2	86.3	88.3	88.7	89.2	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.8
IV 1800	3.8	81.8	85.5	86.6	88.9	89.2	89.8	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.5
IV 1600	3.8	82.2	85.8	87.0	89.2	89.6	90.2	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.9
IV 1400	3.8	82.2	85.9	87.1	89.4	89.7	90.3	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	91.0
IV 1200	3.8	82.4	86.3	87.5	89.8	90.2	90.9	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.6
IV 1000	3.8	82.5	86.5	87.7	90.1	90.4	91.1	91.5	91.5	91.6	91.6	91.6	91.6	91.7	91.7	92.0
IV 900	3.8	82.6	86.6	87.9	90.3	90.7	91.7	92.2	92.2	92.4	92.6	92.6	92.6	92.7	92.7	92.9
IV 800	3.8	82.6	86.8	88.2	90.5	90.9	92.4	93.4	93.9	94.3	94.4	94.4	94.4	94.6	94.6	94.8
IV 700	3.8	82.6	86.8	88.3	90.7	91.0	92.7	94.1	94.6	95.2	95.3	95.3	95.3	95.5	95.5	95.7
IV 600	3.8	82.6	86.8	88.4	90.8	91.1	92.8	94.3	94.9	95.7	95.9	95.9	96.2	96.2	96.3	97.3
IV 500	3.8	82.6	86.8	88.4	90.9	91.4	93.0	94.6	95.2	96.0	96.2	96.3	96.3	96.8	97.5	99.6
IV 400	3.8	82.6	86.8	88.4	90.9	91.4	93.0	94.6	95.2	96.0	96.2	96.3	96.8	96.8	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705

ANDREWS AFB MD

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	2.2	49.8	51.3	51.5	51.9	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.2
≥ 20000	2.4	54.5	56.3	56.7	57.1	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.6
≥ 18000	2.4	54.7	56.6	57.1	57.4	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9
≥ 16000	2.4	55.1	57.0	57.4	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.3
≥ 14000	2.4	56.1	58.2	58.6	59.0	59.0	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.6
≥ 12000	2.4	58.4	60.4	60.9	61.3	61.3	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.9
≥ 10000	2.4	61.7	63.9	64.8	65.2	65.2	65.6	65.6	65.6	65.7	65.7	65.7	65.8	65.8	65.8	66.2
≥ 9000	2.4	62.6	64.9	65.7	66.2	66.2	66.5	66.5	66.5	66.7	66.7	66.7	66.8	66.8	66.8	67.1
≥ 8000	2.4	64.8	67.5	68.3	68.9	69.0	69.4	69.4	69.4	69.6	69.6	69.6	69.7	69.7	69.7	70.1
≥ 7000	2.4	67.7	70.4	71.3	71.9	72.1	72.6	72.6	72.6	72.8	72.8	72.8	72.9	72.9	72.9	73.3
≥ 6000	2.4	69.0	71.7	72.6	73.3	73.5	74.0	74.0	74.0	74.2	74.2	74.2	74.3	74.3	74.3	74.7
≥ 5000	2.4	72.3	75.1	76.1	77.1	77.4	78.3	78.3	78.3	78.6	78.6	78.6	78.7	78.7	78.7	79.1
≥ 4500	2.4	73.5	76.2	77.3	78.3	78.6	79.4	79.6	79.6	80.0	80.0	80.0	80.1	80.1	80.1	80.5
≥ 4000	2.4	75.9	78.6	79.8	80.9	81.2	82.0	82.2	82.2	82.6	82.6	82.6	82.7	82.7	82.7	83.1
≥ 3500	2.4	75.9	78.6	79.9	81.0	81.3	82.2	82.3	82.3	82.9	82.9	82.9	83.0	83.0	83.0	83.3
≥ 3000	2.4	77.2	79.9	81.3	82.6	83.0	83.9	84.0	84.0	84.6	84.6	84.6	84.8	84.8	84.8	85.1
≥ 2500	2.4	77.5	80.3	81.8	83.1	83.5	84.4	84.5	84.5	85.1	85.1	85.1	85.2	85.2	85.2	85.6
≥ 2000	2.4	78.4	81.2	83.1	84.4	84.9	85.8	86.1	86.3	86.9	86.9	86.9	87.0	87.0	87.0	87.4
≥ 1800	2.4	78.7	81.6	83.5	84.8	85.2	86.2	86.4	86.6	87.2	87.2	87.2	87.4	87.4	87.4	87.7
≥ 1500	2.4	79.2	82.4	84.3	85.8	86.3	87.2	87.5	87.7	88.3	88.3	88.3	88.4	88.4	88.4	88.8
≥ 1200	2.4	79.4	82.9	84.8	86.4	86.9	87.8	88.2	88.4	89.0	89.0	89.0	89.1	89.1	89.1	89.5
≥ 1000	2.4	79.4	82.9	84.8	86.6	87.1	88.2	88.7	88.9	89.7	89.7	89.7	89.8	89.8	89.8	90.2
≥ 900	2.4	79.6	83.0	84.9	86.8	87.2	88.3	88.8	89.0	89.8	89.8	89.8	90.0	90.0	90.0	90.3
≥ 800	2.4	79.6	83.1	85.0	87.0	87.5	88.7	89.1	89.4	90.2	90.2	90.2	90.3	90.3	90.3	90.7
≥ 700	2.4	79.6	83.1	85.2	87.4	88.1	89.2	89.7	90.1	91.4	91.4	91.4	91.5	91.5	91.5	91.8
≥ 600	2.4	79.6	83.2	85.3	87.7	88.4	89.6	90.3	90.7	92.0	92.0	92.0	92.2	92.2	92.2	92.6
≥ 500	2.4	79.6	83.3	85.7	88.4	89.1	90.8	91.7	92.1	93.5	93.5	93.6	93.9	93.9	93.9	94.2
≥ 400	2.4	79.6	83.5	85.8	88.7	89.4	91.1	92.4	92.8	94.9	95.0	95.2	95.4	95.4	95.4	95.7
≥ 300	2.4	79.6	83.5	85.8	88.7	89.4	91.4	93.0	93.4	96.0	96.2	96.3	96.6	96.6	96.6	96.9
≥ 200	2.4	79.6	83.5	85.8	88.7	89.4	91.6	93.3	93.7	96.3	96.8	96.9	97.3	97.3	97.4	97.9
≥ 100	2.4	79.6	83.5	85.8	88.7	89.4	91.6	93.3	93.9	96.6	97.0	97.2	97.8	98.0	98.7	99.9
≥ 0	2.4	79.6	83.5	85.8	88.7	89.4	91.6	93.4	94.0	96.7	97.2	97.3	97.9	98.1	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705

ANDREWS AFB MD

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	3.1	47.2	47.5	47.6	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 20000	3.1	55.1	55.7	55.8	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 18000	3.1	56.1	56.7	56.9	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 16000	3.1	56.4	57.0	57.1	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 14000	3.1	57.1	57.7	57.8	57.9	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 12000	3.1	59.9	60.5	60.6	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 10000	3.1	63.9	64.7	64.9	65.0	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 9000	3.1	64.4	65.1	65.4	65.5	65.7	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1
≥ 8000	3.1	67.7	68.6	68.8	68.9	69.1	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5
≥ 7000	3.1	69.9	70.7	71.0	71.2	71.4	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1
≥ 6000	3.1	71.0	72.0	72.3	72.5	73.0	73.6	73.6	73.6	73.6	73.6	73.8	73.8	73.8	73.8	73.8
≥ 5000	3.1	72.7	73.6	74.0	74.2	75.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4500	3.1	73.0	74.0	74.3	74.6	75.4	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6
≥ 4000	3.1	75.2	76.6	77.2	77.5	78.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6
≥ 3500	3.1	76.2	77.7	78.4	79.1	79.9	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3000	3.1	77.7	79.2	80.0	81.0	81.8	83.3	83.3	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2500	3.1	77.9	79.4	80.3	81.2	82.0	83.7	83.8	83.8	84.0	84.2	84.2	84.2	84.2	84.2	84.2
≥ 2000	3.1	78.5	80.3	81.1	82.0	82.9	84.5	84.6	84.6	85.0	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1800	3.1	79.0	80.7	81.6	82.5	83.3	85.1	85.2	85.2	85.6	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1500	3.1	79.3	81.1	81.9	83.0	83.8	85.6	85.7	85.7	86.1	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1200	3.1	79.7	81.8	82.7	83.9	84.8	86.8	86.9	87.0	87.4	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1000	3.1	80.1	82.4	83.3	84.8	85.6	87.9	88.2	88.4	89.0	89.4	89.4	89.5	89.5	89.5	89.5
≥ 900	3.1	80.1	82.4	83.3	84.9	85.7	88.3	88.5	88.8	89.4	89.7	89.7	89.8	89.8	89.8	89.8
≥ 800	3.1	80.3	82.6	83.8	85.6	86.5	89.1	89.5	89.7	90.4	90.8	90.8	90.9	90.9	90.9	90.9
≥ 700	3.1	80.4	82.9	84.2	86.3	87.2	89.8	90.3	90.5	91.3	91.6	91.6	91.8	91.8	91.8	91.8
≥ 600	3.1	80.4	82.9	84.2	86.5	87.5	90.2	90.7	90.9	91.6	92.1	92.1	92.3	92.4	92.4	92.4
≥ 500	3.1	80.5	83.0	84.3	86.8	88.2	91.5	92.2	92.4	93.3	93.9	94.0	94.2	94.3	94.3	94.3
≥ 400	3.1	80.5	83.0	84.3	86.8	88.4	92.4	93.5	94.1	95.3	95.9	96.1	96.3	96.5	96.5	96.5
≥ 300	3.1	80.5	83.0	84.3	86.8	88.8	92.9	94.1	94.8	96.3	96.9	97.3	97.5	97.6	97.8	97.8
≥ 200	3.1	80.5	83.0	84.3	86.8	88.9	93.0	94.2	95.0	96.8	97.5	98.0	98.3	98.5	98.8	99.1
≥ 100	3.1	80.5	83.0	84.3	86.8	88.9	93.0	94.2	95.0	96.8	97.5	98.0	98.5	98.7	99.3	100.0
≥ 0	3.1	80.5	83.0	84.3	86.8	88.9	93.0	94.2	95.0	96.8	97.5	98.0	98.5	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS

846

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705

ANDREWS AFB MD

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	3.0	49.3	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 20000	3.1	57.2	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 18000	3.1	58.0	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 16000	3.1	58.5	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 14000	3.1	59.2	59.5	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 12000	3.2	61.6	61.8	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 10000	3.4	66.2	66.5	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 9000	3.4	66.8	67.3	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 8000	3.5	69.4	69.9	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 7000	3.5	70.4	70.9	71.2	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 6000	3.5	71.5	72.0	72.2	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 5000	3.5	73.9	74.3	74.6	74.8	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4500	3.5	74.8	75.3	75.8	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4000	3.5	77.8	79.0	79.7	80.0	80.4	80.4	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3500	3.5	78.4	79.8	80.6	81.1	81.4	81.6	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3000	3.5	79.9	81.6	82.5	83.2	83.6	83.7	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2500	3.5	80.3	82.0	83.0	83.7	84.0	84.2	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2000	3.5	81.1	83.1	84.0	84.9	85.2	85.5	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1800	3.5	81.2	83.2	84.2	85.0	85.3	85.6	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1500	3.5	81.4	83.5	84.6	85.6	86.1	86.5	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1200	3.5	82.4	84.6	85.9	86.9	87.4	88.1	88.4	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1000	3.5	82.9	85.5	87.1	88.4	89.0	90.1	90.7	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 900	3.5	83.1	85.8	87.6	88.9	89.5	90.7	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 800	3.5	83.1	85.9	87.7	89.4	90.0	91.1	91.7	91.8	92.1	92.3	92.4	92.4	92.4	92.4	92.4
≥ 700	3.5	83.2	86.4	88.2	89.8	90.4	91.7	92.4	92.6	92.8	93.1	93.3	93.3	93.4	93.4	93.4
≥ 600	3.5	83.2	86.4	88.2	90.1	91.1	92.7	93.7	93.9	94.2	94.6	94.7	94.7	94.8	94.8	94.8
≥ 500	3.5	83.2	86.4	88.2	90.1	91.3	93.3	94.8	94.9	95.6	96.2	96.5	96.5	96.6	96.6	96.6
≥ 400	3.5	83.2	86.4	88.2	90.3	91.6	93.9	95.6	96.0	96.8	97.5	97.8	97.9	98.0	98.1	98.1
≥ 300	3.5	83.2	86.4	88.2	90.3	91.7	94.0	95.9	96.2	97.5	98.7	98.9	99.2	99.3	99.4	99.4
≥ 200	3.5	83.2	86.4	88.2	90.3	91.7	94.0	95.9	96.2	97.5	98.9	99.2	99.5	99.6	99.8	99.8
≥ 100	3.5	83.2	86.4	88.2	90.3	91.7	94.0	95.9	96.2	97.5	98.9	99.2	99.6	99.8	99.9	100.0
≥ 0	3.5	83.2	86.4	88.2	90.3	91.7	94.0	95.9	96.2	97.5	98.9	99.2	99.6	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	4.4	49.4	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 20000	4.4	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 18000	4.4	57.2	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 16000	4.4	58.0	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 14000	4.5	58.5	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 12000	4.5	60.0	60.5	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 10000	4.7	64.3	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 9000	4.7	64.5	65.0	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 8000	4.7	67.1	67.8	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 7000	4.7	70.2	71.0	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 6000	4.7	71.4	72.2	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 5000	4.7	74.0	74.8	75.5	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 4500	4.7	74.8	75.7	76.4	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 4000	4.8	77.2	78.6	79.8	80.0	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 3500	4.8	78.3	79.9	81.1	81.3	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 3000	4.8	79.4	81.4	83.5	83.8	83.9	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 2500	5.0	79.9	81.9	83.9	84.4	84.5	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2000	5.0	80.7	83.1	85.1	85.9	86.2	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1800	5.0	80.9	83.5	85.5	86.4	86.8	86.9	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1500	5.0	81.3	84.3	86.5	87.5	88.2	88.5	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1200	5.1	82.0	85.1	87.4	88.4	89.1	89.6	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1000	5.1	82.3	85.3	87.8	88.9	89.6	90.3	90.9	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 900	5.1	82.4	85.7	88.2	89.2	90.0	90.8	91.4	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 800	5.1	82.4	85.7	88.2	89.2	90.0	90.9	91.7	91.8	92.2	92.4	92.4	92.4	92.4	92.4	92.4
≥ 700	5.0	82.4	85.8	88.3	89.4	90.3	91.3	92.1	92.2	92.6	92.9	92.9	92.9	92.9	92.9	92.9
≥ 600	5.0	82.4	85.8	88.3	89.4	90.4	91.6	92.7	93.0	93.4	93.9	93.9	93.9	94.0	94.0	94.0
≥ 500	5.0	82.5	85.9	88.5	89.8	91.0	92.8	94.1	94.6	94.9	95.4	95.4	95.4	95.5	95.9	95.9
≥ 400	5.0	82.5	85.9	88.5	89.8	91.0	92.9	95.0	95.6	96.2	96.7	96.8	96.8	97.0	97.5	97.5
≥ 300	5.0	82.5	85.9	88.5	89.8	91.0	92.9	95.2	95.7	96.7	97.6	98.1	98.3	98.6	99.1	99.1
≥ 200	5.0	82.5	85.9	88.5	89.8	91.0	92.9	95.2	95.9	96.9	98.0	98.6	99.2	99.4	99.9	99.9
≥ 100	5.0	82.5	85.9	88.5	89.8	91.0	92.9	95.2	95.9	96.9	98.0	98.6	99.2	99.5	100.0	100.0
≥ 0	5.0	82.5	85.9	88.5	89.8	91.0	92.9	95.2	95.9	96.9	98.0	98.6	99.2	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	6.5	55.3	55.6	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 20000	7.2	60.2	60.5	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 18000	7.1	60.3	60.6	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 16000	7.0	61.1	61.5	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 14000	7.0	61.9	62.3	62.4	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 12000	7.1	63.0	63.4	63.5	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 10000	7.1	66.3	66.7	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 9000	7.1	66.5	66.9	67.0	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 8000	7.1	69.7	70.1	70.4	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 7000	7.3	71.3	71.6	72.2	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 6000	7.3	72.3	72.7	73.4	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 5000	7.3	74.9	75.8	76.6	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4500	7.3	75.7	76.7	77.8	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4000	7.3	78.4	79.9	81.3	81.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3500	7.3	79.7	81.3	83.3	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3000	7.3	80.9	82.6	84.9	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2500	7.3	81.4	83.3	85.6	85.9	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2000	7.3	82.0	84.2	86.6	87.4	87.8	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1800	7.3	82.0	84.2	86.6	87.4	87.8	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1500	7.3	82.2	84.3	86.9	87.6	88.2	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1200	7.3	82.6	85.0	87.7	88.5	89.2	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1000	7.3	82.7	85.2	87.9	88.8	89.5	90.0	90.1	90.2	90.3	90.5	90.5	90.5	90.5	90.5	90.5
≥ 900	7.3	82.7	85.3	88.2	89.0	89.8	90.3	90.4	90.5	90.7	91.0	91.0	91.0	91.0	91.0	91.0
≥ 800	7.3	82.7	85.3	88.2	89.0	89.8	90.4	90.7	90.8	90.9	91.4	91.4	91.4	91.4	91.4	91.4
≥ 700	7.3	82.7	85.3	88.3	89.4	90.5	91.7	92.3	92.6	92.7	93.1	93.1	93.3	93.3	93.3	93.3
≥ 600	7.3	82.7	85.3	88.3	89.5	90.7	92.1	92.9	93.1	93.4	93.9	93.9	94.0	94.1	94.1	94.1
≥ 500	7.3	82.7	85.6	88.7	90.0	91.3	92.8	93.9	94.1	94.7	95.3	95.3	95.5	95.6	95.7	95.7
≥ 400	7.3	82.7	85.6	88.7	90.3	92.0	93.5	95.0	95.4	96.2	97.0	97.0	97.3	97.4	97.6	97.6
≥ 300	7.3	82.7	85.6	88.7	90.3	92.0	93.5	95.0	95.4	96.5	97.5	97.5	97.8	97.9	98.1	98.1
≥ 200	7.3	82.7	85.6	88.7	90.3	92.0	93.5	95.4	95.9	96.9	98.0	98.0	98.3	98.5	98.7	98.7
≥ 100	7.3	82.7	85.6	88.7	90.3	92.0	93.5	95.4	95.9	96.9	98.2	98.2	98.7	98.9	99.6	99.6
≥ 0	7.3	82.7	85.6	88.7	90.3	92.0	93.5	95.4	95.9	96.9	98.2	98.2	98.7	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	5.9	58.2	58.5	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 20000	6.4	61.9	62.3	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 18000	6.4	62.2	62.5	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 16000	6.4	62.6	63.1	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 14000	6.4	63.8	64.2	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 12000	6.4	64.4	64.8	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 10000	6.4	66.9	67.4	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 9000	6.4	67.4	67.8	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 8000	6.4	70.7	71.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 7000	6.4	72.2	72.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 6000	6.4	73.9	74.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 5000	6.4	75.2	76.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4500	6.4	76.2	77.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4000	6.4	80.1	81.0	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3500	6.4	81.3	82.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3000	6.4	83.1	84.3	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2500	6.4	83.6	84.8	86.5	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2000	6.4	84.3	85.6	87.4	87.6	87.8	87.8	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1800	6.4	84.3	85.6	87.5	87.7	87.9	87.9	87.9	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1500	6.4	84.5	85.8	87.7	88.1	88.3	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1200	6.4	85.1	86.6	88.5	88.9	89.1	89.1	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1000	6.4	85.1	86.9	88.9	89.2	89.7	89.7	89.7	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 900	6.4	85.1	87.1	89.2	89.6	90.1	90.1	90.1	90.2	90.5	90.7	90.7	90.7	90.7	90.7	90.7
≥ 800	6.4	85.3	87.4	89.6	90.0	90.4	90.4	90.4	90.5	91.3	91.4	91.4	91.4	91.4	91.4	91.4
≥ 700	6.4	85.3	87.6	90.0	90.4	90.9	91.0	91.0	91.3	92.2	92.3	92.3	92.3	92.3	92.3	92.3
≥ 600	6.4	85.3	87.6	90.0	90.4	90.9	91.0	91.3	91.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7
≥ 500	6.4	85.3	87.9	90.4	90.9	91.6	91.7	92.6	92.8	93.9	94.0	94.0	94.0	94.1	94.1	94.1
≥ 400	6.4	85.3	87.9	90.7	91.3	92.1	92.6	93.9	94.3	95.5	95.6	95.6	95.7	95.7	95.7	95.7
≥ 300	6.4	85.3	87.9	90.7	91.3	92.2	92.8	94.1	94.7	96.0	96.1	96.1	96.3	96.3	96.3	96.3
≥ 200	6.4	85.3	87.9	90.7	91.3	92.2	92.8	94.1	95.2	96.8	97.0	97.0	97.3	97.3	97.4	97.4
≥ 100	6.4	85.3	87.9	90.7	91.3	92.2	92.8	94.2	95.3	96.9	97.4	97.4	97.8	98.0	98.2	99.1
≥ 0	6.4	85.3	87.9	90.7	91.3	92.2	92.8	94.2	95.3	96.9	97.4	97.4	97.8	98.0	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

337 5

ANDPEWS AFB MD

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	4.1	52.8	53.4	53.6	53.6	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.9
≥ 20000	4.4	58.3	59.0	59.2	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.5
≥ 18000	4.4	58.7	59.4	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0
≥ 16000	4.4	59.3	60.0	60.3	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.7
≥ 14000	4.4	60.1	60.8	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.5
≥ 12000	4.4	61.6	62.4	62.6	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0
≥ 10000	4.5	65.2	66.1	66.4	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9
≥ 9000	4.5	65.7	66.6	67.0	67.2	67.2	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.5
≥ 8000	4.5	68.5	69.6	70.0	70.3	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6
≥ 7000	4.5	70.7	71.7	72.2	72.5	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.0
≥ 6000	4.5	72.0	73.1	73.6	73.9	74.0	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.4
≥ 5000	4.5	74.3	75.5	76.1	76.4	76.7	77.0	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.3
≥ 4500	4.5	75.3	76.6	77.3	77.6	77.9	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5
≥ 4000	4.6	77.6	79.3	80.2	80.6	81.0	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.6
≥ 3500	4.6	78.6	80.3	81.4	81.9	82.2	82.6	82.7	82.7	82.8	82.9	82.9	82.9	82.9	82.9	83.0
≥ 3000	4.6	79.9	81.9	83.2	84.0	84.3	84.7	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.2
≥ 2500	4.6	80.4	82.4	83.8	84.7	85.0	85.5	85.7	85.7	85.8	85.9	85.9	85.9	85.9	85.9	86.0
≥ 2000	4.6	81.1	83.4	84.8	85.8	86.3	86.8	87.0	87.0	87.2	87.2	87.2	87.3	87.3	87.3	87.4
≥ 1800	4.6	81.3	83.5	85.0	86.1	86.5	87.1	87.2	87.3	87.5	87.5	87.5	87.6	87.6	87.6	87.7
≥ 1500	4.6	81.6	84.0	85.6	86.7	87.2	87.8	88.0	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.5
≥ 1200	4.6	82.2	84.7	86.4	87.6	88.1	88.8	89.0	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.5
≥ 1000	4.6	82.4	85.1	86.8	88.2	88.8	89.6	89.9	90.0	90.4	90.5	90.5	90.5	90.5	90.5	90.6
≥ 900	4.6	82.5	85.3	87.0	88.4	89.0	89.9	90.2	90.4	90.7	90.8	90.8	90.9	90.9	90.9	91.0
≥ 800	4.6	82.6	85.4	87.3	88.8	89.4	90.3	90.7	90.8	91.2	91.4	91.5	91.5	91.5	91.5	91.6
≥ 700	4.6	82.6	85.6	87.6	89.2	89.9	90.9	91.4	91.6	92.1	92.3	92.3	92.4	92.4	92.4	92.5
≥ 600	4.6	82.6	85.7	87.6	89.3	90.1	91.3	91.9	92.1	92.7	92.9	93.0	93.1	93.1	93.1	93.2
≥ 500	4.6	82.7	85.8	87.9	89.7	90.6	92.1	93.1	93.3	94.0	94.3	94.4	94.5	94.6	94.6	94.8
≥ 400	4.6	82.7	85.8	88.0	89.9	91.0	92.7	94.1	94.5	95.5	95.9	96.0	96.1	96.2	96.3	96.4
≥ 300	4.6	82.7	85.8	88.0	90.0	91.1	93.0	94.5	95.0	96.2	96.8	96.9	97.2	97.3	97.4	97.5
≥ 200	4.6	82.7	85.9	88.1	90.0	91.2	93.1	94.7	95.3	96.6	97.3	97.5	97.9	98.0	98.2	98.4
≥ 100	4.6	82.7	85.9	88.1	90.0	91.2	93.1	94.7	95.4	96.7	97.5	97.7	98.2	98.4	99.0	99.7
≥ 0	4.6	82.7	85.9	88.1	90.0	91.2	93.1	94.7	95.4	96.8	97.5	97.7	98.2	98.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS

6768

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-0201
HOURS (L.A.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	3.1	50.4	51.0	51.0	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 20000	3.2	56.2	56.8	56.8	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 18000	3.2	56.5	57.0	57.0	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 16000	3.2	56.7	57.2	57.2	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 14000	3.2	57.7	58.3	58.3	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 12000	3.2	59.4	59.9	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 10000	3.2	62.3	62.8	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 9000	3.2	63.2	63.8	63.8	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 8000	3.2	66.5	67.1	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 7000	3.2	67.5	68.2	68.2	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 6000	3.2	69.1	70.0	70.0	70.1	70.1	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5
≥ 5000	3.4	72.4	73.3	73.3	73.4	73.4	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9
≥ 4500	3.5	73.8	74.7	74.7	74.8	74.8	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4000	3.5	77.3	78.5	78.5	78.8	78.8	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2
≥ 3500	3.5	79.0	80.2	80.3	80.8	80.8	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2
≥ 3000	3.7	80.5	81.7	81.8	82.3	82.3	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7
≥ 2500	3.7	81.9	83.7	83.9	84.4	84.4	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2000	3.7	82.4	84.2	84.4	84.9	85.1	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1800	3.7	82.6	84.4	84.6	85.2	85.3	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1500	3.7	83.4	85.5	85.7	86.3	86.5	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1200	3.7	83.5	86.1	86.9	87.6	87.7	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1000	3.7	83.8	86.5	87.3	88.5	88.7	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2
≥ 900	3.7	83.8	86.5	87.3	88.6	88.8	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4
≥ 800	3.7	84.1	86.8	87.8	89.1	89.5	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
≥ 700	3.7	84.2	87.1	88.2	89.5	89.9	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5
≥ 600	3.7	84.2	87.2	88.5	89.8	90.3	90.9	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2
≥ 500	3.7	84.2	87.2	88.8	90.3	91.3	92.0	92.4	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8
≥ 400	3.7	84.2	87.3	89.0	91.1	92.2	93.0	93.7	93.8	93.9	94.5	94.5	94.5	94.5	94.5	94.5
≥ 300	3.7	84.2	87.3	89.1	91.2	92.3	93.2	94.6	94.9	95.3	96.1	96.1	96.1	96.1	96.1	96.1
≥ 200	3.7	84.2	87.3	89.2	91.3	92.4	93.3	94.7	95.2	95.9	97.1	97.1	97.2	97.2	97.2	97.2
≥ 100	3.7	84.2	87.3	89.2	91.3	92.4	93.3	95.1	95.5	96.8	98.2	98.3	98.4	98.5	98.6	98.6
≥ 0	3.7	84.2	87.3	89.2	91.3	92.4	93.3	95.1	95.5	96.8	98.3	98.4	98.5	98.6	98.8	99.0

TOTAL NUMBER OF OBSERVATIONS

93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-1500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	2.9	47.7	47.7	48.1	48.6	48.6	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.0
≥ 20000	3.1	52.2	53.1	53.3	53.9	53.9	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.3
≥ 18000	3.1	52.6	53.4	53.8	54.3	54.3	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.7
≥ 16000	3.1	52.7	53.5	53.9	54.4	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.8
≥ 14000	3.1	53.5	54.4	54.7	55.3	55.3	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.7
≥ 12000	3.1	54.2	55.1	55.4	55.9	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.3
≥ 10000	3.2	58.7	59.6	60.1	60.6	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.1
≥ 9000	3.2	59.4	60.2	60.8	61.3	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.7
≥ 8000	3.2	62.7	63.5	64.2	64.7	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	65.1	65.1	65.2
≥ 7000	3.2	64.0	64.8	65.5	66.0	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.5
≥ 6000	3.2	65.6	66.5	67.1	67.6	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	68.0	68.0	68.1
≥ 5000	3.2	67.8	68.9	69.7	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.8	70.8	70.9
≥ 4500	3.2	69.1	70.2	71.0	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.2
≥ 4000	3.2	73.2	74.5	75.5	76.6	76.6	76.6	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.1
≥ 3500	3.2	74.5	75.8	76.9	78.1	78.2	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.7
≥ 3000	3.4	75.7	77.2	78.3	79.6	79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.2
≥ 2500	3.4	76.7	78.2	79.7	81.2	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.8
≥ 2000	3.4	77.4	79.0	80.5	82.0	82.2	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.9
≥ 1800	3.4	77.5	79.2	80.8	82.3	82.4	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.3
≥ 1500	3.4	78.5	80.2	81.8	83.4	83.5	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.5
≥ 1200	3.4	79.1	80.9	82.6	84.2	84.3	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.5
≥ 1000	3.4	80.1	81.8	83.9	85.5	85.6	86.3	86.8	86.8	86.8	86.9	86.9	86.9	87.0	87.0	87.1
≥ 900	3.4	80.4	82.2	84.2	85.8	85.9	86.7	87.1	87.1	87.1	87.2	87.2	87.2	87.3	87.3	87.4
≥ 800	3.4	80.6	82.4	84.5	86.1	86.2	87.1	87.7	87.7	87.7	87.8	87.8	87.8	88.0	88.0	88.1
≥ 700	3.4	80.6	82.5	84.7	86.3	86.7	87.8	88.6	88.6	88.6	88.7	88.7	88.7	88.8	88.8	88.9
≥ 600	3.4	80.6	82.5	85.2	86.9	87.3	88.6	89.4	89.4	89.4	89.5	89.5	89.5	89.6	89.6	89.7
≥ 500	3.4	80.8	82.8	85.7	87.6	88.2	89.9	90.6	90.6	90.6	90.8	90.8	90.8	90.9	90.9	91.0
≥ 400	3.4	80.8	82.9	86.1	88.2	89.2	91.3	92.6	92.6	92.6	92.9	92.9	92.9	93.0	93.0	93.1
≥ 300	3.4	80.8	82.9	86.1	88.3	89.4	91.9	93.4	93.5	94.3	94.5	94.5	94.5	94.7	94.8	94.9
≥ 200	3.4	80.8	82.9	86.1	88.7	89.9	92.7	94.4	94.7	95.9	96.1	96.1	96.1	96.7	96.8	96.9
≥ 100	3.4	80.8	82.9	86.1	88.7	89.9	92.7	94.5	94.9	96.9	97.5	97.5	97.5	98.1	98.2	98.5
≥ 0	3.4	80.8	82.9	86.1	88.7	89.9	92.7	94.5	94.9	97.0	97.6	97.6	97.6	98.2	98.3	98.7

TOTAL NUMBER OF OBSERVATIONS

930

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1775

ANDREWS AFB MD

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	1.9	39.9	41.4	41.9	42.4	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.9	42.9
≥ 20000	1.9	47.1	48.7	49.5	50.1	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.6	50.9
≥ 18000	1.9	48.4	50.0	50.8	51.4	51.5	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.9	52.0	52.3
≥ 16000	1.9	48.5	50.1	50.9	51.5	51.6	51.8	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.2	52.4
≥ 14000	2.0	49.4	51.0	51.7	52.4	52.5	52.7	52.8	52.8	52.9	52.9	52.9	53.0	53.1	53.1	53.3
≥ 12000	2.0	51.2	52.9	53.7	54.4	54.5	54.7	54.8	54.8	54.9	54.9	54.9	55.1	55.2	55.2	55.4
≥ 10000	2.0	54.7	56.6	57.3	58.1	58.2	58.4	58.5	58.5	58.6	58.6	58.6	58.7	58.8	58.8	59.0
≥ 9000	2.0	55.2	57.0	57.8	58.7	58.8	59.0	59.1	59.1	59.2	59.2	59.2	59.4	59.5	59.5	59.7
≥ 8000	2.0	58.7	60.8	61.6	62.5	62.6	62.8	62.9	62.9	63.0	63.0	63.0	63.1	63.2	63.2	63.4
≥ 7000	2.2	60.6	62.9	63.8	64.6	64.8	65.1	65.2	65.2	65.3	65.3	65.3	65.4	65.5	65.5	65.7
≥ 6000	2.2	62.2	64.4	65.3	66.1	66.3	66.6	66.7	66.7	66.8	66.8	66.8	66.9	67.0	67.0	67.2
≥ 5000	2.2	64.3	66.8	67.8	68.8	69.0	69.4	69.5	69.5	69.6	69.6	69.6	69.7	69.8	69.8	70.0
≥ 4500	2.2	64.8	67.5	68.7	69.7	69.9	70.2	70.4	70.4	70.5	70.5	70.5	70.6	70.8	70.8	71.0
≥ 4000	2.2	68.7	71.6	72.8	74.1	74.4	74.7	74.9	74.9	75.1	75.1	75.1	75.2	75.3	75.3	75.6
≥ 3500	2.2	70.1	73.1	74.3	76.1	76.5	76.8	77.1	77.1	77.2	77.2	77.2	77.3	77.4	77.4	77.7
≥ 3000	2.2	71.7	74.7	76.2	78.4	78.7	79.0	79.4	79.4	79.5	79.5	79.5	79.6	79.7	79.7	80.0
≥ 2500	2.2	72.6	75.6	77.3	79.7	80.0	80.5	81.2	81.2	81.3	81.3	81.3	81.4	81.5	81.5	81.8
≥ 2000	2.2	74.0	77.1	78.8	81.3	81.6	82.3	82.9	82.9	83.0	83.0	83.0	83.1	83.2	83.2	83.5
≥ 1800	2.2	74.0	77.1	78.8	81.4	81.7	82.4	83.0	83.0	83.1	83.1	83.1	83.2	83.3	83.3	83.7
≥ 1500	2.2	74.2	77.3	79.1	81.7	82.0	82.7	83.3	83.3	83.4	83.4	83.4	83.5	83.7	83.7	84.0
≥ 1200	2.2	74.5	77.8	79.8	82.5	82.9	83.5	84.3	84.3	84.4	84.4	84.4	84.5	84.6	84.6	84.9
≥ 1000	2.2	74.6	78.2	80.2	83.0	83.5	84.2	84.9	84.9	85.3	85.3	85.3	85.4	85.5	85.5	85.8
≥ 900	2.2	74.7	78.3	80.3	83.2	83.8	84.4	85.2	85.2	85.5	85.5	85.5	85.6	85.7	85.7	86.0
≥ 800	2.2	74.9	78.5	80.8	83.7	84.2	85.1	85.8	85.8	86.2	86.2	86.2	86.3	86.6	86.6	86.9
≥ 700	2.2	75.1	78.8	81.4	84.6	85.2	86.2	87.2	87.2	87.6	87.6	87.6	87.7	88.0	88.0	88.3
≥ 600	2.2	75.1	78.8	81.4	84.9	85.7	87.0	88.0	88.0	88.4	88.4	88.4	88.5	88.7	88.7	89.0
≥ 500	2.2	75.2	79.1	81.7	85.5	86.8	88.8	90.2	90.2	90.6	90.8	90.8	91.0	91.2	91.2	91.5
≥ 400	2.2	75.2	79.1	81.8	85.9	87.3	89.7	91.5	91.5	92.2	92.3	92.4	92.7	92.9	92.9	93.2
≥ 300	2.2	75.2	79.1	81.8	85.9	87.3	89.9	92.0	92.0	93.1	93.4	93.5	94.1	94.3	94.3	94.6
≥ 200	2.2	75.2	79.1	81.8	86.0	87.4	90.0	93.0	93.2	94.6	95.3	95.6	96.1	96.6	96.6	96.9
≥ 100	2.2	75.2	79.1	81.8	86.0	87.4	90.0	93.0	93.2	94.7	96.0	96.3	96.9	97.4	97.5	98.7
≥ 0	2.2	75.2	79.1	81.8	86.0	87.4	90.0	93.0	93.2	94.7	96.1	96.5	97.0	97.6	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 93

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATM WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

177.5

ANDREWS AFB MD

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	2.7	39.8	43.3	40.5	40.6	40.6	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 20000	3.0	46.7	47.2	47.7	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 18000	3.0	47.2	47.7	48.3	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 16000	3.0	47.8	48.4	48.9	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 14000	3.0	49.4	49.9	50.4	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 12000	3.0	51.6	52.2	52.7	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 10000	3.2	55.7	56.3	57.0	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 9000	3.2	56.3	57.1	57.7	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 8000	3.2	59.6	60.5	61.3	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 7000	3.2	61.4	62.5	63.2	63.5	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 6000	3.2	62.4	63.5	64.3	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 5000	3.2	65.9	67.2	68.0	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 4500	3.2	66.9	68.2	68.9	69.2	69.2	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 4000	3.5	71.1	71.6	73.1	73.7	73.7	73.9	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3500	3.5	71.7	72.7	74.4	75.1	75.2	75.4	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 3000	3.5	73.5	75.5	77.3	78.2	78.4	78.6	78.8	78.8	78.9	78.9	79.0	79.0	79.0	79.0	79.0
≥ 2500	3.5	74.6	76.6	78.4	79.2	79.5	79.8	80.0	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3
≥ 2000	3.5	75.9	78.0	79.8	80.6	81.1	81.8	82.4	82.5	82.6	82.7	82.8	82.8	82.8	82.8	82.8
≥ 1800	3.5	76.0	78.1	79.9	80.8	81.2	82.2	82.7	82.8	82.9	83.0	83.1	83.1	83.1	83.1	83.1
≥ 1500	3.5	76.3	78.4	80.3	81.3	81.7	82.7	83.3	83.4	83.5	83.7	83.8	83.8	83.8	83.8	83.8
≥ 1200	3.5	77.0	79.0	81.2	82.3	82.9	84.0	84.6	84.7	84.8	84.9	85.1	85.1	85.1	85.1	85.1
≥ 1000	3.5	77.2	79.2	81.8	82.9	83.5	84.7	85.4	85.5	85.6	85.8	85.9	85.9	85.9	85.9	85.9
≥ 900	3.5	77.2	79.2	81.9	83.1	83.8	84.9	85.6	85.7	85.8	86.1	86.2	86.2	86.2	86.2	86.2
≥ 800	3.5	77.8	80.0	82.7	84.1	84.8	86.5	87.1	87.3	87.4	87.7	87.8	87.8	87.8	87.8	87.8
≥ 700	3.5	78.1	80.2	83.0	84.4	85.3	87.1	87.8	88.2	88.3	88.6	88.7	88.7	88.7	88.7	88.7
≥ 600	3.5	78.3	80.5	83.4	85.1	86.0	88.3	89.0	89.4	89.6	89.9	90.0	90.0	90.0	90.0	90.0
≥ 500	3.5	78.5	80.9	84.0	86.0	87.2	90.0	91.4	91.9	92.3	92.7	92.8	92.9	92.9	93.0	93.0
≥ 400	3.5	78.6	81.1	84.3	86.8	88.0	91.0	93.1	93.8	94.3	94.8	95.1	95.2	95.2	95.3	95.3
≥ 300	3.5	78.6	81.1	84.3	86.8	88.2	91.3	93.9	94.5	95.4	96.1	96.5	97.0	97.0	97.1	97.1
≥ 200	3.5	79.6	81.1	84.3	86.8	88.2	91.3	94.1	94.7	96.1	97.3	97.6	98.4	98.6	98.7	98.7
≥ 100	3.5	78.6	81.1	84.3	86.8	88.2	91.3	94.1	94.7	96.1	97.3	97.6	98.7	99.2	99.7	99.9
≥ 0	3.5	78.6	81.1	84.3	86.8	88.2	91.3	94.1	94.7	96.1	97.3	97.6	98.7	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1775

ANDREWS AFB MD

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.A.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	4.2	37.6	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 20000	5.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 18000	5.1	48.5	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 16000	5.1	49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 14000	5.1	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 12000	5.4	51.9	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 10000	5.5	55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 9000	5.5	56.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 8000	5.5	59.2	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 7000	5.5	62.0	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 6000	5.5	63.0	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 5000	5.5	65.5	66.3	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 4500	5.5	67.3	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 4000	5.6	72.6	73.5	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 3500	6.1	74.9	75.9	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 3000	6.1	78.3	79.4	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 2500	6.1	79.0	80.1	81.1	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 2000	6.2	79.8	80.9	81.8	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 1800	6.2	80.1	81.2	82.3	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 1500	6.2	82.0	83.4	85.2	85.5	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1200	6.2	82.5	84.1	85.9	86.5	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1000	6.2	82.6	84.2	86.2	86.8	87.1	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 900	6.2	82.7	84.3	86.3	87.1	87.4	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 800	6.2	83.1	84.8	87.1	88.0	88.5	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8
≥ 700	6.2	83.2	84.9	87.5	88.4	89.4	90.3	90.9	91.1	91.1	91.1	91.1	91.3	91.3	91.3	91.3
≥ 600	6.2	83.5	85.5	88.4	89.5	90.6	92.0	92.8	93.0	93.2	93.2	93.2	93.4	93.4	93.4	93.4
≥ 500	6.2	83.5	85.5	88.6	89.9	91.3	92.9	94.2	94.5	94.7	94.7	94.7	94.9	94.9	94.9	94.9
≥ 400	6.2	83.5	85.6	88.7	90.5	91.9	94.3	95.8	96.2	96.9	97.0	97.0	97.2	97.2	97.2	97.2
≥ 300	6.2	83.5	85.6	88.7	90.5	91.9	94.4	96.7	97.2	98.2	98.3	98.3	98.5	98.7	98.7	98.7
≥ 200	6.2	83.7	85.7	88.8	90.6	92.0	94.5	96.8	97.6	98.8	99.0	99.4	99.7	99.7	99.7	99.7
≥ 100	6.2	83.7	85.7	88.8	90.6	92.0	94.5	96.8	97.6	98.8	99.0	99.4	99.8	100.0	100.0	100.0
≥ 0	6.2	83.7	85.7	88.8	90.6	92.0	94.5	96.8	97.6	98.8	99.0	99.4	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

117 5

ANDREWS AFB MD

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	5.4 6.3	40.8 51.8	40.8 51.8	40.9 52.0	40.9 52.0	40.9 52.0	40.9 52.2	40.9 52.2	40.9 52.2	40.9 52.2	40.9 52.2	40.9 52.2	40.9 52.2	40.9 52.2	40.9 52.2	40.9 52.2
≥ 18000 ≥ 16000	6.3 6.3	52.2 52.6	52.3 52.7	52.6 53.0	52.6 53.0	52.6 53.0	52.7 53.1	52.7 53.1	52.7 53.1	52.7 53.1	52.7 53.1	52.7 53.1	52.7 53.1	52.7 53.1	52.7 53.1	52.7 53.1
≥ 14000 ≥ 12000	6.3 6.5	54.1 56.0	54.2 56.1	54.5 56.5	54.5 56.5	54.5 56.5	54.6 56.6	54.6 56.6	54.6 56.6	54.6 56.6	54.6 56.6	54.6 56.6	54.6 56.6	54.6 56.6	54.6 56.6	54.6 56.6
≥ 10000 ≥ 9000	6.6 6.6	59.9 60.5	60.0 60.6	60.3 61.0	60.3 61.0	60.3 61.0	60.4 61.1	60.4 61.1	60.4 61.1	60.4 61.1	60.4 61.1	60.4 61.1	60.4 61.1	60.4 61.1	60.4 61.1	60.4 61.1
≥ 8000 ≥ 7000	6.6 6.6	63.5 64.7	63.7 64.8	64.2 65.4	64.2 65.4	64.2 65.4	64.3 65.5	64.3 65.5	64.3 65.5	64.3 65.5	64.3 65.5	64.3 65.5	64.3 65.5	64.3 65.5	64.3 65.5	64.3 65.5
≥ 6000 ≥ 5000	6.6 6.7	65.8 68.8	65.9 68.9	66.5 69.7	66.5 69.7	66.5 69.7	66.6 69.8	66.6 69.8	66.6 69.8	66.6 69.8	66.6 69.8	66.6 69.8	66.6 69.8	66.6 69.8	66.6 69.8	66.6 69.8
≥ 4500 ≥ 4000	6.7 6.8	70.0 75.5	70.1 75.6	70.9 76.3	70.9 76.3	70.9 76.3	71.0 76.5	71.0 76.5	71.0 76.5	71.0 76.5	71.0 76.5	71.0 76.5	71.0 76.5	71.0 76.5	71.0 76.5	71.0 76.5
≥ 3500 ≥ 3000	7.0 7.0	77.3 80.2	77.5 80.5	78.4 81.6	78.5 81.9	78.5 81.9	78.6 82.0	78.6 82.0	78.6 82.0	78.6 82.0	78.6 82.2	78.6 82.2	78.6 82.2	78.6 82.2	78.6 82.2	78.6 82.2
≥ 2500 ≥ 2000	7.0 7.0	81.5 82.9	81.5 84.2	83.2 85.4	83.8 86.1	83.8 86.1	83.9 86.2	83.9 86.2	83.9 86.2	83.9 86.2	84.0 86.3	84.0 86.3	84.0 86.3	84.0 86.3	84.0 86.3	84.0 86.3
≥ 1800 ≥ 1500	7.0 7.0	83.2 84.0	84.5 85.3	85.8 86.7	86.7 87.6	86.7 87.6	86.8 87.7	86.8 87.7	86.8 87.7	86.8 87.7	86.9 87.8	86.9 87.8	86.9 87.8	86.9 87.8	86.9 87.8	86.9 87.8
≥ 1200 ≥ 1000	7.0 7.0	84.3 84.7	85.8 86.2	87.3 87.8	88.8 89.5	88.9 89.8	89.5 90.4	89.5 90.4	89.5 90.4	89.5 90.4	89.6 90.5	89.6 90.5	89.6 90.5	89.6 90.5	89.6 90.5	89.6 90.5
≥ 900 ≥ 800	7.0 7.0	84.8 85.1	86.3 86.6	88.0 88.3	89.7 90.4	90.0 90.8	90.8 91.8	90.8 91.8	90.8 91.8	90.8 91.8	90.9 91.9	90.9 91.9	90.9 91.9	90.9 91.9	90.9 91.9	90.9 91.9
≥ 700 ≥ 600	7.0 7.0	85.4 85.7	86.9 87.2	88.8 89.2	91.1 91.6	91.5 92.3	92.8 94.1	92.9 94.3	92.9 94.3	92.9 94.3	93.1 94.5	93.1 94.5	93.1 94.5	93.1 94.5	93.1 94.5	93.1 94.5
≥ 500 ≥ 400	7.0 7.0	85.7 85.7	87.2 87.2	89.4 89.4	92.0 92.2	93.0 93.1	95.4 96.0	96.0 96.9	96.1 97.2	96.2 97.3	96.5 97.5	96.5 97.5	96.6 97.6	96.6 97.6	96.6 97.6	96.6 97.6
≥ 300 ≥ 200	7.0 7.0	85.7 85.7	87.2 87.2	89.4 89.4	92.4 92.4	93.4 93.4	96.5 96.5	97.8 98.2	98.4 98.7	98.8 99.1	99.0 99.4	99.1 99.5	99.4 99.8	99.4 99.8	99.4 99.8	99.4 99.8
≥ 100 ≥ 0	7.0 7.0	85.7 85.7	87.2 87.2	89.4 89.4	92.4 92.4	93.4 93.4	96.5 96.5	98.2 98.2	98.7 98.7	99.1 99.1	99.5 99.5	99.6 99.6	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1775

ANDREWS AFB MD

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	5.4	47.4	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	5.7	54.6	54.7	54.9	54.9	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 18000	5.7	56.0	56.1	56.3	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 16000	5.7	56.6	56.7	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 14000	5.7	57.5	57.6	57.8	57.8	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 12000	5.7	59.4	59.5	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 10000	5.7	62.4	62.6	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 9000	5.7	63.7	63.9	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 8000	5.7	66.1	66.3	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 7000	5.7	67.4	67.6	67.8	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 6000	5.7	68.4	68.6	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 5000	5.7	71.4	71.6	72.0	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4500	5.7	73.0	73.3	73.8	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4000	5.7	76.3	76.9	77.3	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 3500	5.7	77.8	78.5	79.0	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3000	5.7	81.4	82.6	83.5	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2500	5.7	82.6	84.2	84.9	85.2	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2000	5.7	84.0	86.0	87.0	87.2	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1800	5.7	84.5	86.8	87.7	88.0	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1500	5.7	84.8	87.4	88.5	88.9	89.0	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1200	5.7	85.1	87.8	88.9	89.6	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1000	5.7	85.6	88.4	89.5	90.2	90.5	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 900	5.7	85.6	88.4	89.6	90.4	90.8	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 800	5.7	85.6	88.6	89.9	90.9	91.2	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 700	5.7	85.7	88.8	90.3	91.3	91.6	92.0	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 600	5.7	85.8	89.0	90.8	92.2	92.5	93.1	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 500	5.7	85.8	89.1	91.1	92.8	93.1	94.1	95.1	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 400	5.7	85.8	89.1	91.2	93.1	93.4	94.6	95.7	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 300	5.7	85.8	89.1	91.2	93.1	93.5	94.9	96.5	97.2	97.7	97.7	97.7	98.0	98.0	98.0	98.0
≥ 200	5.7	85.8	89.1	91.2	93.1	93.5	94.9	96.7	97.5	98.3	98.4	98.4	98.7	98.8	98.8	98.8
≥ 100	5.7	85.8	89.1	91.2	93.1	93.5	94.9	96.7	97.5	98.3	98.4	98.5	99.0	99.4	99.6	99.9
≥ 0	5.7	85.8	89.1	91.2	93.1	93.5	94.9	96.7	97.5	98.3	98.4	98.5	99.0	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 93.0

USAF ETAC FORM 0-14-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	4.2	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8
≥ 20000	4.2	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2
≥ 18000	4.2	57.7	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 16000	4.2	58.0	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3
≥ 14000	4.2	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1
≥ 12000	4.2	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8
≥ 10000	4.2	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5
≥ 9000	4.2	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9
≥ 8000	4.2	66.8	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2
≥ 7000	4.2	68.9	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4
≥ 6000	4.2	70.3	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8
≥ 5000	4.2	73.7	74.0	74.2	74.2	74.2	74.2	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6
≥ 4500	4.2	74.4	74.7	74.9	74.9	74.9	74.9	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4
≥ 4000	4.2	77.2	77.8	78.1	78.1	78.1	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5
≥ 3500	4.2	78.0	78.7	78.9	78.9	78.9	79.2	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3000	4.2	81.2	82.4	82.6	82.6	82.6	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2500	4.4	82.5	83.9	84.1	84.2	84.2	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2000	4.4	83.9	85.7	85.9	86.0	86.0	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1800	4.4	84.2	86.1	86.2	86.3	86.3	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1500	4.4	84.6	86.7	86.9	87.0	87.0	87.5	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1200	4.4	85.1	87.4	87.6	87.8	87.8	88.5	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1000	4.4	85.2	87.7	88.0	88.4	88.5	89.2	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6
≥ 900	4.4	85.6	88.2	88.4	88.8	88.9	89.7	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
≥ 800	4.4	85.6	88.2	88.5	89.0	89.1	89.9	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 700	4.4	85.9	88.5	88.8	89.5	89.6	90.3	90.6	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.0
≥ 600	4.4	86.1	88.7	89.4	90.6	90.9	91.6	91.9	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3
≥ 500	4.4	86.1	88.8	89.6	91.2	91.4	92.5	92.9	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2
≥ 400	4.4	86.1	88.8	89.8	91.7	92.2	93.5	94.2	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8
≥ 300	4.4	86.1	88.8	89.9	91.9	92.6	94.1	94.9	95.4	96.0	96.1	96.1	96.3	96.3	96.3	96.3
≥ 200	4.4	86.1	88.8	89.9	91.9	92.6	94.2	95.4	95.9	97.1	97.2	97.2	97.4	97.5	97.5	97.5
≥ 100	4.4	86.1	88.8	89.9	91.9	92.7	94.4	95.6	96.1	97.5	97.7	97.7	98.1	98.3	98.7	99.0
≥ 0	4.4	86.1	88.8	89.9	91.9	92.7	94.4	95.6	96.1	97.5	97.8	98.0	98.3	98.6	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.A.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	3.7	44.3	44.8	45.0	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.3	45.3
≥ 20000	4.1	51.7	52.2	52.5	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.9
≥ 18000	4.1	52.4	52.9	53.2	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.6	53.6	53.6
≥ 16000	4.1	52.7	53.2	53.5	53.7	53.7	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0
≥ 14000	4.1	53.8	54.3	54.6	54.8	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1
≥ 12000	4.1	55.5	56.0	56.3	56.5	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.8
≥ 10000	4.2	59.0	59.6	59.9	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4
≥ 9000	4.2	59.9	60.5	60.8	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3
≥ 8000	4.2	62.9	63.6	64.0	64.2	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5
≥ 7000	4.2	64.6	65.3	65.7	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2
≥ 6000	4.2	65.8	66.7	67.1	67.3	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6
≥ 5000	4.3	68.7	69.6	70.1	70.4	70.5	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8
≥ 4500	4.3	69.9	70.9	71.4	71.7	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.1
≥ 4000	4.3	73.9	75.0	75.7	76.1	76.2	76.3	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.6
≥ 3500	4.4	75.3	76.6	77.3	77.9	78.0	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.4
≥ 3000	4.5	77.8	79.3	80.2	80.9	81.0	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.4	81.4	81.4
≥ 2500	4.5	78.9	80.5	81.6	82.4	82.5	82.7	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.1
≥ 2000	4.5	80.0	81.9	83.0	83.8	83.9	84.3	84.5	84.5	84.6	84.6	84.6	84.6	84.7	84.7	84.7
≥ 1800	4.5	80.3	82.2	83.3	84.1	84.3	84.7	84.9	84.9	84.9	85.0	85.0	85.0	85.1	85.1	85.1
≥ 1500	4.5	81.0	83.0	84.3	85.2	85.4	85.8	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.3
≥ 1200	4.5	81.4	83.6	85.0	86.2	86.4	86.9	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.4
≥ 1000	4.5	81.7	84.0	85.6	86.8	87.2	87.8	88.1	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3
≥ 900	4.5	81.9	84.2	85.8	87.1	87.4	88.1	88.4	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.7
≥ 800	4.5	82.1	84.5	86.2	87.7	88.0	88.9	89.3	89.3	89.4	89.5	89.5	89.5	89.5	89.6	89.6
≥ 700	4.5	82.3	84.7	86.6	88.1	88.6	89.6	90.1	90.2	90.3	90.4	90.4	90.5	90.5	90.5	90.6
≥ 600	4.5	82.4	84.9	87.0	88.8	89.4	90.7	91.3	91.4	91.5	91.6	91.6	91.7	91.7	91.7	91.7
≥ 500	4.5	82.5	85.1	87.4	89.4	90.3	91.9	92.8	93.0	93.3	93.4	93.4	93.5	93.5	93.5	93.6
≥ 400	4.5	82.5	85.1	87.5	89.9	90.9	92.9	94.2	94.5	94.9	95.1	95.1	95.2	95.2	95.3	95.3
≥ 300	4.5	82.5	85.1	87.6	90.0	91.1	93.3	95.0	95.4	96.1	96.4	96.5	96.8	96.8	96.8	96.9
≥ 200	4.5	82.5	85.2	87.6	90.1	91.2	93.4	95.4	96.0	97.0	97.5	97.6	98.0	98.1	98.1	98.2
≥ 100	4.5	82.5	85.2	87.6	90.1	91.2	93.5	95.5	96.0	97.3	98.0	98.1	98.6	98.9	99.1	99.4
≥ 0	4.5	82.5	85.2	87.6	90.1	91.2	93.5	95.5	96.0	97.3	98.0	98.2	98.7	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13715

ANDREWS AFB MD

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING	5.9	56.1	56.1	56.6	56.7	56.7	56.7	56.9	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3
≥ 20000	6.2	61.3	61.3	61.8	61.9	61.9	61.9	62.1	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.6
≥ 18000	6.2	62.3	62.3	62.8	62.9	62.9	62.9	63.1	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.6
≥ 16000	6.2	62.6	62.6	63.0	63.1	63.1	63.1	63.3	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8
≥ 14000	6.2	62.7	62.7	63.1	63.2	63.2	63.2	63.4	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9
≥ 12000	6.2	65.1	65.1	65.6	65.7	65.7	65.7	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3
≥ 10000	6.4	69.3	69.4	69.9	70.0	70.0	70.0	70.2	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7
≥ 9000	6.4	70.9	71.0	71.4	71.6	71.6	71.6	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2
≥ 8000	6.7	74.9	75.0	75.7	75.9	76.0	76.0	76.2	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7
≥ 7000	6.7	76.3	76.6	77.2	77.4	77.6	77.6	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2
≥ 6000	6.7	77.4	77.8	78.4	78.7	78.8	78.8	79.0	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4
≥ 5000	6.7	79.8	80.3	81.0	81.2	81.3	81.3	81.6	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0
≥ 4500	6.7	80.6	81.1	81.8	82.0	82.1	82.1	82.3	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8
≥ 4000	6.7	82.3	83.2	84.1	84.3	84.4	84.4	84.7	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.1
≥ 3500	6.7	83.8	84.3	85.7	85.9	86.0	86.0	86.2	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7
≥ 3000	6.7	84.6	85.6	86.6	86.9	87.0	87.0	87.2	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7
≥ 2500	6.7	85.3	86.8	87.8	88.1	88.2	88.2	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9
≥ 2000	6.7	86.4	88.2	89.2	89.7	89.8	89.8	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4
≥ 1800	6.7	86.7	88.4	89.4	89.9	90.0	90.0	90.2	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7
≥ 1500	6.7	86.9	88.7	89.7	90.1	90.2	90.2	90.4	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9
≥ 1200	6.7	87.9	90.0	91.0	91.4	91.6	91.6	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2
≥ 1000	6.7	88.4	90.8	91.8	92.3	92.4	92.6	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2
≥ 900	6.7	88.9	91.2	92.2	92.8	92.9	93.0	93.2	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7
≥ 800	6.7	89.0	91.9	92.9	93.4	93.7	93.8	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4
≥ 700	6.7	89.1	92.1	93.1	93.7	93.9	94.1	94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8
≥ 600	6.7	89.1	92.1	93.2	93.8	94.4	94.7	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4
≥ 500	6.7	89.3	92.3	93.6	94.1	94.9	95.3	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1
≥ 400	6.7	89.4	92.6	93.8	94.3	95.4	96.3	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2
≥ 300	6.7	89.4	92.7	93.9	94.6	95.7	96.6	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
≥ 200	6.7	89.4	92.7	93.9	94.6	95.7	96.8	97.9	98.2	98.4	98.4	98.4	98.4	98.6	98.7	98.7	99.1
≥ 100	6.7	89.4	92.7	93.9	94.6	95.7	96.8	98.0	98.3	98.6	98.7	98.7	98.8	98.9	99.0	99.0	99.4
≥ 0	6.7	89.4	92.7	93.9	94.6	95.7	96.8	98.0	98.3	98.6	98.7	98.7	98.8	99.0	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

137.5
STATION

ANDREWS AFB MD
STATION NAME

70,73-81
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	5.8	54.0	55.0	55.0	55.0	55.0	55.1	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 20000	6.2	58.4	59.6	59.6	59.6	59.7	59.8	59.9	59.9	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 18000	6.2	58.6	59.7	59.7	59.7	59.8	59.9	60.0	60.0	60.2	60.2	60.2	60.2	60.3	60.3	60.3
≥ 16000	6.2	58.6	59.7	59.7	59.7	59.8	59.9	60.0	60.0	60.2	60.2	60.2	60.2	60.3	60.4	60.4
≥ 14000	6.2	59.6	60.7	60.7	60.7	60.8	60.9	61.0	61.0	61.2	61.2	61.2	61.3	61.4	61.4	61.4
≥ 12000	6.2	61.7	62.8	62.8	62.8	62.9	63.0	63.1	63.1	63.3	63.3	63.3	63.4	63.6	63.6	63.6
≥ 10000	6.7	66.2	67.4	67.7	67.7	67.8	67.9	68.1	68.1	68.3	68.3	68.3	68.4	68.6	68.6	68.6
≥ 9000	6.7	67.0	68.2	68.4	68.4	68.6	68.7	68.9	68.9	69.1	69.1	69.1	69.2	69.3	69.3	69.3
≥ 8000	6.9	71.9	73.2	73.4	73.6	73.8	74.0	74.2	74.2	74.6	74.6	74.6	74.7	74.8	74.8	74.8
≥ 7000	7.0	73.8	75.1	75.3	75.4	75.7	75.9	76.1	76.1	76.4	76.4	76.4	76.6	76.7	76.7	76.7
≥ 6000	7.1	75.1	76.4	76.7	76.8	77.0	77.2	77.4	77.4	77.8	77.8	77.8	77.9	78.0	78.0	78.0
≥ 5000	7.1	76.2	77.9	78.2	78.3	78.6	78.8	79.0	79.0	79.3	79.3	79.3	79.4	79.6	79.6	79.6
≥ 4500	7.2	77.3	79.0	79.3	79.6	79.8	80.0	80.2	80.2	80.6	80.6	80.6	80.7	80.8	80.8	80.8
≥ 4000	7.2	80.2	81.9	82.2	82.6	82.8	83.1	83.3	83.3	83.7	83.7	83.7	83.8	83.9	83.9	83.9
≥ 3500	7.2	82.3	84.1	84.4	84.8	85.1	85.3	85.6	85.6	85.9	85.9	85.9	86.0	86.1	86.1	86.1
≥ 3000	7.2	82.9	84.7	85.1	85.4	85.7	86.0	86.2	86.2	86.6	86.6	86.6	86.7	86.8	86.8	86.8
≥ 2500	7.2	83.4	85.2	86.1	86.4	86.7	87.0	87.2	87.2	87.6	87.6	87.6	87.7	87.8	87.8	87.8
≥ 2000	7.2	84.3	86.1	87.0	87.3	87.6	87.9	88.1	88.1	88.4	88.4	88.4	88.6	88.7	88.7	88.7
≥ 1800	7.2	84.8	86.6	87.4	87.8	88.0	88.3	88.6	88.6	88.9	88.9	88.9	89.0	89.1	89.1	89.1
≥ 1500	7.2	85.7	87.6	88.4	88.8	89.0	89.3	89.6	89.6	89.9	89.9	89.9	90.0	90.1	90.1	90.1
≥ 1200	7.2	85.9	87.9	88.8	89.3	89.6	89.9	90.1	90.1	90.4	90.4	90.4	90.6	90.7	90.7	90.7
≥ 1000	7.2	86.1	88.1	89.1	89.7	90.0	90.3	90.6	90.6	90.9	90.9	90.9	91.0	91.1	91.1	91.1
≥ 900	7.2	86.8	88.8	89.8	90.4	90.8	91.1	91.3	91.3	91.7	91.7	91.7	91.8	91.9	91.9	91.9
≥ 800	7.2	87.1	89.3	90.3	91.2	91.7	92.0	92.2	92.2	92.6	92.6	92.6	92.7	92.8	92.8	92.8
≥ 700	7.2	87.4	89.8	90.9	91.8	92.2	92.6	92.8	92.8	93.1	93.1	93.1	93.2	93.3	93.3	93.3
≥ 600	7.2	87.4	89.8	90.9	91.8	92.2	92.8	93.0	93.0	93.3	93.3	93.3	93.4	93.6	93.6	93.6
≥ 500	7.2	87.9	90.2	91.6	92.7	93.1	93.9	94.1	94.1	94.4	94.4	94.4	94.6	94.7	94.7	94.7
≥ 400	7.2	88.7	91.0	92.4	93.7	94.4	95.7	95.9	95.9	96.2	96.2	96.2	96.3	96.4	96.4	96.4
≥ 300	7.2	88.7	91.0	92.6	93.9	94.7	96.1	96.4	96.4	96.9	96.9	96.9	97.1	97.2	97.2	97.2
≥ 200	7.2	88.7	91.0	92.6	94.0	94.8	96.2	96.6	96.6	97.1	97.1	97.1	97.4	97.8	97.9	98.1
≥ 100	7.2	88.7	91.0	92.6	94.0	94.8	96.2	96.6	96.6	97.1	97.1	97.1	97.9	98.2	98.4	99.2
≥ 0	7.2	88.7	91.0	92.6	94.0	94.8	96.2	96.6	96.6	97.1	97.1	97.1	97.9	98.2	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.7	46.0	47.9	48.3	48.3	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 20000	5.9	52.1	54.3	54.9	55.1	55.3	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 18000	5.9	52.3	54.6	55.1	55.3	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 16000	5.9	53.1	55.3	55.9	56.1	56.3	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 14000	5.9	54.4	56.8	57.3	57.6	57.8	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 12000	5.9	56.1	58.9	59.4	59.7	59.9	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 10000	6.2	61.0	64.0	64.6	64.8	65.0	65.2	65.4	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.9
≥ 9000	6.2	61.7	64.7	65.2	65.4	65.7	65.9	66.1	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.7
≥ 8000	6.3	65.7	68.9	69.6	69.8	70.0	70.2	70.4	70.6	70.7	70.8	70.8	70.8	70.8	70.8	71.0
≥ 7000	6.3	67.3	70.6	71.2	71.4	71.7	71.9	72.1	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.7
≥ 6000	6.3	69.1	72.6	73.2	73.4	73.7	73.9	74.1	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.7
≥ 5000	6.3	71.6	75.1	76.0	76.2	76.6	76.8	77.0	77.1	77.3	77.6	77.6	77.6	77.6	77.6	77.8
≥ 4500	6.3	72.8	76.8	77.7	77.9	78.2	78.6	78.8	78.9	79.1	79.3	79.3	79.3	79.3	79.3	79.6
≥ 4000	6.3	75.3	79.6	80.8	81.1	81.4	81.8	82.0	82.1	82.3	82.6	82.6	82.6	82.6	82.6	82.8
≥ 3500	6.3	76.8	81.0	82.2	82.6	82.9	83.2	83.4	83.6	83.8	84.0	84.0	84.0	84.0	84.0	84.2
≥ 3000	6.3	77.6	82.2	83.6	84.2	84.8	85.1	85.3	85.4	85.7	85.9	85.9	85.9	85.9	85.9	86.1
≥ 2500	6.3	78.4	83.6	85.0	85.8	86.3	86.7	86.9	87.0	87.2	87.4	87.4	87.4	87.4	87.4	87.7
≥ 2000	6.3	79.0	84.2	85.8	86.6	87.1	87.6	87.8	87.9	88.1	88.3	88.3	88.3	88.3	88.3	88.6
≥ 1800	6.3	79.1	84.3	85.9	86.7	87.2	87.7	87.9	88.0	88.2	88.4	88.4	88.4	88.4	88.4	88.7
≥ 1500	6.3	79.4	85.0	86.6	87.4	88.1	88.6	88.8	88.9	89.1	89.3	89.3	89.3	89.3	89.3	89.6
≥ 1200	6.3	79.7	85.2	86.8	87.7	88.3	88.8	89.1	89.2	89.4	89.7	89.7	89.7	89.7	89.7	89.9
≥ 1000	6.3	79.9	85.4	87.0	87.9	88.6	89.0	89.3	89.4	89.7	89.9	89.9	89.9	89.9	89.9	90.1
≥ 900	6.3	80.2	85.9	87.4	88.4	89.2	89.7	90.0	90.1	90.3	90.6	90.6	90.6	90.6	90.6	90.8
≥ 800	6.3	80.7	86.3	88.1	89.1	90.0	90.4	90.9	91.0	91.2	91.4	91.4	91.4	91.4	91.4	91.7
≥ 700	6.3	80.9	86.7	88.6	89.7	90.9	91.6	92.0	92.1	92.3	92.6	92.6	92.6	92.6	92.6	92.8
≥ 600	6.3	80.9	86.7	88.7	90.3	91.6	92.3	92.8	92.9	93.1	93.3	93.3	93.3	93.3	93.3	93.6
≥ 500	6.3	81.0	86.8	88.9	90.8	92.2	93.3	93.8	94.1	94.3	94.6	94.6	94.6	94.6	94.6	94.8
≥ 400	6.3	81.0	86.8	88.9	90.8	92.2	93.8	94.3	94.8	95.0	95.3	95.3	95.3	95.3	95.3	95.6
≥ 300	6.3	81.1	86.9	89.0	90.9	92.4	94.1	94.8	95.4	95.8	96.1	96.2	96.2	96.2	96.2	96.4
≥ 200	6.3	81.1	86.9	89.0	90.9	92.4	94.1	94.9	95.6	96.1	96.9	97.0	97.3	97.4	97.7	97.9
≥ 100	6.3	81.1	86.9	89.0	90.9	92.4	94.1	94.9	95.6	96.1	96.9	97.0	97.4	97.8	98.2	99.4
≥ 0	6.3	81.1	86.9	89.0	90.9	92.4	94.1	94.9	95.6	96.1	96.9	97.0	97.4	97.8	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	6.9	47.4	48.3	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 20000	7.4	54.3	55.2	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 18000	7.4	55.1	56.1	56.3	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 16000	7.4	55.3	56.2	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 14000	7.4	57.6	58.6	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 12000	7.6	60.2	61.3	61.7	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 10000	7.7	64.7	65.8	66.4	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 9000	7.7	65.7	66.8	67.4	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 8000	7.9	68.8	70.0	70.8	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 7000	7.9	69.6	70.8	71.6	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 6000	7.9	71.3	71.6	72.3	72.6	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 5000	7.9	72.9	74.2	75.0	75.6	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4500	7.9	73.4	75.1	75.9	76.4	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4000	8.1	78.6	80.7	81.6	82.3	82.7	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3500	8.2	80.2	82.3	83.2	84.0	84.3	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3000	8.3	81.8	84.1	85.1	85.9	86.3	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2500	8.3	82.7	85.2	86.3	87.2	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2000	8.3	84.0	86.6	87.7	88.6	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1800	8.3	84.0	86.6	87.7	88.7	89.2	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1500	8.3	84.9	87.7	88.8	90.0	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1200	8.3	85.6	88.4	89.6	90.8	91.3	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1000	8.3	86.1	88.9	90.0	91.3	92.0	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 900	8.3	86.1	89.1	90.1	91.4	92.1	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 800	8.3	86.4	89.3	90.6	92.1	92.8	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 700	8.3	86.7	89.6	90.8	92.6	93.2	94.0	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 600	8.3	87.0	89.9	91.2	93.1	93.8	94.8	95.1	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3
≥ 500	8.3	87.0	89.9	91.2	93.2	93.9	95.0	95.7	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥ 400	8.3	87.0	89.9	91.2	93.4	94.3	95.8	96.7	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2
≥ 300	8.3	87.0	89.9	91.2	93.4	94.4	96.0	97.1	97.4	97.8	98.0	98.0	98.1	98.1	98.1	98.1
≥ 200	8.3	87.0	89.9	91.2	93.4	94.4	96.0	97.1	97.4	98.2	98.6	98.7	98.9	99.2	99.2	99.2
≥ 100	8.3	87.0	89.9	91.2	93.4	94.4	96.0	97.1	97.4	98.2	98.7	98.8	99.0	99.6	99.7	99.9
≥ 0	8.3	87.0	89.9	91.2	93.4	94.4	96.0	97.1	97.4	98.2	98.7	98.8	99.0	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1775

ANDREWS AFB MD

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1207-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	7.7	45.4	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 20000	7.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 18000	7.9	53.1	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 16000	7.9	53.3	54.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 14000	7.9	55.3	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 12000	7.9	57.1	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 10000	7.9	61.7	62.7	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 9000	7.9	62.3	63.3	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 8000	8.0	65.2	66.3	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 7000	8.0	66.3	67.7	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 6000	8.0	67.3	68.7	68.9	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 5000	8.6	71.7	72.1	72.6	72.9	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 4500	8.7	71.7	73.1	73.7	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 4000	8.6	79.4	81.9	81.6	81.9	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3500	9.3	81.6	83.1	83.7	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3000	10.0	85.0	86.8	87.7	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2500	10.0	85.9	87.9	88.9	89.3	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2000	10.0	87.0	89.0	90.1	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1800	10.0	87.2	89.2	90.3	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1600	10.0	87.7	89.7	90.9	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1400	10.0	88.0	90.1	91.7	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1200	10.0	88.2	90.3	92.1	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1000	10.0	88.3	90.4	92.2	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 900	10.0	88.4	90.6	92.3	93.3	93.6	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 800	10.0	88.7	90.9	92.8	94.0	94.2	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 700	10.0	88.8	91.1	93.1	94.4	94.8	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	10.0	88.8	91.0	93.3	94.7	95.1	95.9	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 500	10.0	88.8	91.0	93.3	94.8	95.3	96.4	97.0	97.1	97.6	97.7	97.8	97.8	97.8	97.8	97.8
≥ 400	10.0	88.8	91.0	93.3	94.8	95.6	96.8	97.4	97.7	98.2	98.3	98.4	98.4	98.4	98.6	98.6
≥ 300	10.0	88.8	91.0	93.3	94.8	95.6	96.8	97.4	97.8	98.4	98.9	99.0	99.1	99.1	99.2	99.4
≥ 200	10.0	88.8	91.0	93.3	94.8	95.6	96.8	97.4	97.8	98.4	98.9	99.0	99.1	99.2	99.7	100.0
≥ 100	10.0	88.8	91.0	93.3	94.8	95.6	96.8	97.4	97.8	98.4	98.9	99.0	99.1	99.2	99.7	100.0
≥ 0	10.0	88.8	91.0	93.3	94.8	95.6	96.8	97.4	97.8	98.4	98.9	99.0	99.1	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1775

ANDREWS AFB MD

70,73-81

APP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING ≥ 20000	5.2 5.4	51.1 59.8	51.8 60.6	51.9 60.9	52.0 61.1	52.0 61.1	52.1 61.2	52.1 61.2	52.1 61.2	52.1 61.2	52.1 61.2	52.1 61.2	52.1 61.2	52.1 61.2	52.1 61.2	52.1 61.2
≥ 18000 ≥ 16000	5.7 5.7	61.4 61.9	61.2 61.7	61.6 62.0	61.8 62.2	61.8 62.2	61.9 62.3	61.9 62.3	61.9 62.3	61.9 62.3	61.9 62.3	61.9 62.3	61.9 62.3	61.9 62.3	61.9 62.3	61.9 62.3
≥ 14000 ≥ 12000	5.7 5.7	61.6 63.4	62.3 64.2	62.7 64.6	62.9 64.8	62.9 64.8	63.0 64.9	63.0 64.9	63.0 64.9	63.0 64.9	63.0 64.9	63.0 64.9	63.0 64.9	63.0 64.9	63.0 64.9	63.0 64.9
≥ 10000 ≥ 9500	5.7 5.7	66.7 66.7	67.4 67.4	67.8 67.8	68.0 68.0	68.0 68.0	68.1 68.2	68.2 68.2	68.2 68.2	68.2 68.2	68.2 68.2	68.2 68.2	68.2 68.2	68.2 68.2	68.2 68.2	68.2 68.2
≥ 8000 ≥ 7000	6.1 6.1	72.0 74.2	73.1 75.3	73.6 75.8	73.8 76.0	73.8 76.0	73.9 76.1	74.2 76.4	74.2 76.4	74.2 76.4	74.2 76.4	74.2 76.4	74.2 76.4	74.2 76.4	74.2 76.4	74.2 76.4
≥ 6000 ≥ 5000	6.2 6.3	75.6 77.8	76.7 79.1	77.1 79.4	77.3 79.7	77.3 79.7	77.4 79.8	77.8 80.1	77.8 80.1	77.8 80.1	77.8 80.1	77.8 80.1	77.8 80.1	77.8 80.1	77.8 80.1	77.8 80.1
≥ 4500 ≥ 4000	5.7 5.7	78.7 81.7	79.9 83.1	81.4 83.6	81.7 83.8	81.7 83.8	81.8 84.1	81.1 84.3	81.1 84.3	81.1 84.3	81.1 84.3	81.1 84.3	81.1 84.3	81.1 84.3	81.1 84.3	81.1 84.3
≥ 3500 ≥ 3000	5.7 5.7	83.4 85.7	84.3 87.7	85.4 89.6	85.9 89.1	85.9 89.1	86.2 89.4	86.6 89.8	86.6 89.8	86.6 89.8	86.6 89.8	86.6 89.8	86.6 89.8	86.6 89.8	86.6 89.8	86.6 89.8
≥ 2500 ≥ 2000	5.7 5.7	86.6 87.3	88.8 89.7	89.9 90.9	90.6 91.8	90.6 91.8	91.9 92.1	91.2 92.4	91.2 92.4	91.2 92.4	91.2 92.4	91.2 92.4	91.2 92.4	91.2 92.4	91.2 92.4	91.2 92.4
≥ 1800 ≥ 1500	6.7 6.7	87.3 87.6	89.7 91.3	90.9 91.3	91.9 92.6	92.0 92.7	92.3 93.1	92.7 93.4	92.7 93.4	92.7 93.4	92.7 93.4	92.7 93.4	92.7 93.4	92.7 93.4	92.7 93.4	92.7 93.4
≥ 1200 ≥ 1000	6.7 6.7	88.6 88.7	91.1 91.3	92.7 92.9	94.1 94.6	94.3 94.8	94.9 95.3	95.2 95.8	95.2 95.8	95.2 95.8	95.2 95.8	95.2 95.8	95.2 95.8	95.2 95.8	95.2 95.8	95.2 95.8
≥ 900 ≥ 800	6.7 6.7	88.8 88.8	91.6 91.6	93.1 93.1	94.8 94.9	95.0 95.1	95.6 95.7	96.0 96.1	96.0 96.1	96.0 96.1	96.0 96.1	96.0 96.1	96.0 96.1	96.0 96.1	96.0 96.1	96.0 96.1
≥ 700 ≥ 600	6.7 6.7	88.8 88.9	91.6 91.7	93.1 93.2	95.2 95.4	95.4 95.8	96.0 96.6	96.4 97.1	96.4 97.1	96.4 97.1	96.4 97.1	96.4 97.1	96.4 97.1	96.4 97.1	96.4 97.1	96.4 97.1
≥ 500 ≥ 400	6.7 6.7	88.9 89.1	91.7 91.9	93.2 93.4	95.8 96.0	96.1 96.3	97.1 97.4	98.0 98.4	98.1 98.6	98.1 98.7	98.1 98.7	98.1 98.7	98.1 98.7	98.1 98.7	98.1 98.7	98.1 98.7
≥ 300 ≥ 200	6.7 6.7	89.1 89.1	91.9 91.9	93.4 93.4	96.0 96.0	96.3 96.3	97.6 97.6	99.0 99.0	99.1 99.1	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7
≥ 100 ≥ 0	5.7 5.7	89.1 89.1	91.9 91.9	93.4 93.4	96.0 96.0	96.3 96.3	97.6 97.6	99.0 99.0	99.1 99.1	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

AD-A110 238

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
ANDREWS AFB, WASHINGTON DC REVISED UNIFORM SUMMARY OF SURFACE W--ETC(U)
OCT 81
USAFETAC/DS-81/093 SBI-AD-FR50 121

UNCLASSIFIED

SBI-AD-E850 121

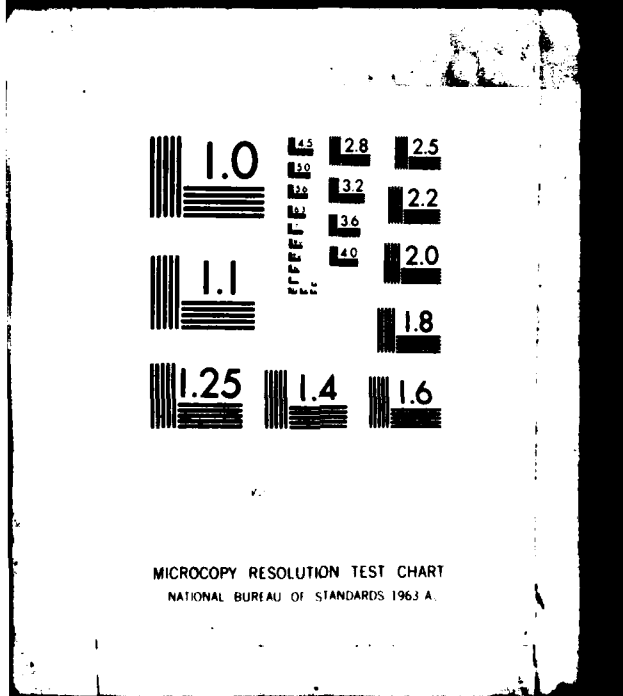
NL

3-6

2100-26

10

10238



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

137.5

ANDREWS AFB MD

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1530-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	6.3	47.0	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	6.6	55.6	56.4	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 18000	6.6	55.9	56.8	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 16000	6.7	56.2	57.1	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 14000	6.7	57.2	58.1	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 12000	6.7	59.1	60.0	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 10000	7.0	63.9	65.0	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 9000	7.0	64.9	66.0	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 8000	7.3	68.6	69.7	70.0	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 7000	7.3	70.0	71.1	71.4	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 6000	7.3	71.4	72.8	73.1	73.3	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 5000	7.9	75.4	76.8	77.1	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 4500	8.3	76.8	78.1	78.4	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4000	8.4	81.7	83.1	83.4	83.9	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3500	8.4	82.9	84.3	84.7	85.1	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3000	8.9	86.2	87.7	88.4	88.9	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2500	8.9	87.2	88.7	89.4	89.9	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2000	8.9	88.0	89.4	90.6	91.1	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1800	8.9	88.2	89.7	90.9	91.4	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500	8.9	88.9	90.3	91.6	92.1	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1200	8.9	89.2	90.7	92.0	92.7	93.0	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1000	8.9	89.4	90.9	92.2	93.2	93.7	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 900	8.9	89.6	91.3	92.8	93.8	94.2	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 800	8.9	89.9	91.7	93.4	94.7	95.1	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 700	8.9	90.0	91.8	93.8	95.0	95.6	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 600	8.9	90.0	91.8	93.8	95.0	95.6	96.3	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500	8.9	90.0	91.8	93.8	95.2	96.2	97.3	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	8.9	90.0	91.8	93.8	95.2	96.2	97.4	98.1	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	8.9	90.0	91.8	93.8	95.2	96.4	97.8	98.6	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	8.9	90.0	91.8	93.8	95.2	96.4	97.8	98.6	99.0	99.3	99.6	99.7	99.8	99.9	99.9	99.9
≥ 100	8.9	90.0	91.8	93.8	95.2	96.4	97.8	98.6	99.0	99.4	99.7	99.8	99.9	100.0	100.0	100.0
≥ 0	8.9	90.0	91.8	93.8	95.2	96.4	97.8	98.6	99.0	99.4	99.7	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13715

ANDREWS AFB MD

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	5.6	56.2	56.3	56.6	56.8	56.8	57.1	57.4	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 20000	5.7	62.1	62.2	62.4	62.7	62.7	63.0	63.3	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 18000	5.9	62.8	62.9	63.1	63.3	63.3	63.7	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 16000	5.9	63.0	63.1	63.3	63.6	63.6	63.9	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 14000	5.9	63.4	63.6	63.8	64.0	64.0	64.3	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 12000	5.9	66.2	66.6	66.8	67.0	67.0	67.3	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 10000	6.0	70.3	70.7	70.9	71.1	71.1	71.4	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 9000	6.0	70.9	71.2	71.4	71.7	71.7	72.0	72.3	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 8000	6.1	74.6	75.1	75.6	75.8	75.8	76.1	76.7	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 7000	6.1	76.4	77.0	77.4	77.7	77.7	78.0	78.6	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 6000	6.1	77.4	78.0	78.4	78.7	78.7	79.0	79.6	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 5000	6.1	79.2	79.9	80.3	80.6	80.6	80.9	81.4	81.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4500	6.1	80.3	81.0	81.4	81.7	81.7	82.0	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4000	6.1	84.1	85.0	85.4	85.7	85.7	86.0	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3500	6.1	84.9	86.1	86.6	87.0	87.0	87.3	87.9	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3000	6.1	85.9	87.4	88.0	88.6	88.7	89.0	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2500	6.1	86.8	88.4	89.2	89.9	90.0	90.3	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2000	6.1	87.9	89.6	90.3	91.0	91.1	91.7	92.2	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1800	6.1	88.2	89.9	90.7	91.3	91.4	92.0	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1500	6.1	88.8	90.4	91.2	92.1	92.2	92.8	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1200	6.1	89.0	90.8	91.8	92.9	93.0	93.6	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1000	6.1	89.3	91.1	92.7	93.9	94.1	94.7	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 900	6.1	89.3	91.1	92.8	94.0	94.2	94.8	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 800	6.1	89.3	91.1	92.8	94.2	94.6	95.1	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	6.1	89.3	91.1	92.8	94.2	94.7	95.2	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 600	6.1	89.3	91.1	92.9	94.7	95.3	95.9	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500	6.1	89.3	91.1	92.9	94.8	95.4	96.0	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 400	6.1	89.8	91.6	93.4	95.4	96.1	97.0	98.0	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	6.1	89.9	91.8	93.7	95.7	96.4	97.3	98.4	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 200	6.1	89.9	91.8	93.7	95.8	96.6	97.4	98.7	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	6.1	89.9	91.8	93.7	95.8	96.6	97.6	98.8	99.0	99.6	99.7	99.7	99.7	99.7	99.8	99.9
≥ 0	6.1	89.9	91.8	93.7	95.8	96.6	97.6	98.8	99.0	99.6	99.7	99.7	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

137 S

ANDREWS AFB MD

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	6.1	50.4	51.1	51.3	51.4	51.4	51.5	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 20000	6.4	57.0	57.8	58.1	58.2	58.2	58.3	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 18000	6.5	57.6	58.4	58.7	58.8	58.8	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2
≥ 16000	6.5	57.9	58.7	59.0	59.1	59.2	59.2	59.3	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5
≥ 14000	6.5	59.0	59.8	60.1	60.2	60.3	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 12000	6.5	61.1	62.1	62.4	62.5	62.6	62.6	62.7	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9
≥ 10000	6.7	65.5	66.6	66.9	67.1	67.1	67.2	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.6
≥ 9000	6.7	66.3	67.3	67.7	67.8	67.9	68.0	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.4
≥ 8000	6.9	70.2	71.4	71.9	72.1	72.2	72.4	72.6	72.6	72.7	72.7	72.7	72.7	72.8	72.8	72.8
≥ 7000	6.9	71.8	73.0	73.5	73.7	73.8	74.0	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.4
≥ 6000	7.0	73.0	74.3	74.8	75.0	75.1	75.3	75.5	75.5	75.6	75.6	75.6	75.6	75.7	75.7	75.7
≥ 5000	7.1	75.4	76.9	77.5	77.7	77.9	78.0	78.2	78.3	78.4	78.4	78.4	78.4	78.5	78.5	78.5
≥ 4500	7.2	76.4	78.0	78.6	78.9	79.0	79.2	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.7
≥ 4000	7.4	80.4	82.2	82.8	83.2	83.4	83.6	83.8	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3500	7.4	82.0	83.8	84.5	84.9	85.1	85.3	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.8
≥ 3000	7.5	83.7	85.8	86.6	87.1	87.4	87.6	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.1
≥ 2500	7.5	84.5	86.8	87.8	88.4	88.6	88.9	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2000	7.5	85.5	87.8	88.9	89.6	89.8	90.1	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.6
≥ 1800	7.5	85.7	88.3	89.2	89.8	90.1	90.3	90.6	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1500	7.5	86.2	88.7	89.8	90.6	90.9	91.1	91.4	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1200	7.5	86.7	89.3	90.5	91.4	91.7	92.0	92.3	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1000	7.5	87.0	89.6	91.0	92.0	92.3	92.7	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.3
≥ 900	7.5	87.3	89.9	91.3	92.3	92.7	93.1	93.4	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6
≥ 800	7.5	87.5	90.2	91.7	92.9	93.3	93.8	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3
≥ 700	7.5	87.6	90.4	92.0	93.3	93.8	94.3	94.6	94.7	94.8	94.8	94.8	94.8	94.9	94.9	94.9
≥ 600	7.5	87.7	90.5	92.1	93.6	94.2	94.9	95.3	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6
≥ 500	7.5	87.8	90.6	92.3	93.9	94.6	95.5	96.0	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4
≥ 400	7.5	88.0	90.8	92.5	94.2	95.1	96.2	96.9	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.6
≥ 300	7.5	88.0	90.9	92.6	94.3	95.3	96.5	97.3	97.6	98.0	98.1	98.1	98.2	98.2	98.2	98.3
≥ 200	7.5	88.0	90.9	92.6	94.3	95.3	96.6	97.5	97.8	98.3	98.6	98.7	98.8	98.9	99.0	99.1
≥ 100	7.5	88.0	90.9	92.6	94.3	95.3	96.6	97.5	97.8	98.4	98.7	98.8	99.0	99.2	99.3	99.7
≥ 0	7.5	88.0	90.9	92.6	94.3	95.3	96.6	97.5	97.8	98.4	98.7	98.8	99.0	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

137.5

ANDREWS AFB MO

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	2.8	51.8	52.9	53.7	53.8	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3
≥ 20000	2.9	55.8	57.4	58.6	58.9	59.0	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6
≥ 18000	2.9	56.0	57.7	58.9	59.2	59.4	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9
≥ 16000	2.9	56.2	58.0	59.1	59.5	59.6	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1
≥ 14000	2.9	56.9	58.6	59.8	60.1	60.2	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.8
≥ 12000	2.9	58.7	60.5	61.7	62.0	62.2	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7
≥ 10000	3.0	61.5	63.8	65.4	65.9	66.1	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7
≥ 9000	3.0	61.8	64.1	65.7	66.2	66.5	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0
≥ 8000	3.0	66.5	69.5	71.4	71.9	72.3	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8
≥ 7000	3.0	67.6	70.6	72.8	73.5	74.2	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7
≥ 6000	3.0	68.5	71.8	74.0	74.8	75.5	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1
≥ 5000	3.0	70.4	74.0	76.1	77.1	77.7	78.2	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.6
≥ 4500	3.0	71.3	75.1	77.4	78.4	79.0	79.5	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.9
≥ 4000	3.0	74.0	78.0	80.4	81.9	82.6	83.0	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.5
≥ 3500	3.0	74.6	78.6	81.2	82.7	83.3	83.8	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.3
≥ 3000	3.0	76.0	80.2	82.8	84.4	85.1	85.5	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.0
≥ 2500	3.0	76.3	80.6	83.2	84.9	85.6	86.1	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.7
≥ 2000	3.0	76.7	81.3	84.1	85.8	86.5	87.0	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.5
≥ 1800	3.0	76.9	81.6	84.4	86.1	86.9	87.4	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	88.0
≥ 1500	3.0	77.3	82.2	85.1	87.1	88.0	88.5	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	89.0
≥ 1200	3.0	78.0	83.0	85.9	88.0	88.8	89.6	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.1
≥ 1000	3.0	78.6	83.8	86.7	88.7	89.6	90.3	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.9
≥ 900	3.0	78.6	84.0	86.9	88.9	89.8	90.5	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.1
≥ 800	3.0	78.7	84.3	87.3	89.4	90.2	91.0	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.8
≥ 700	3.0	78.8	84.4	87.7	90.3	91.2	91.9	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.8
≥ 600	3.0	79.0	84.7	88.4	91.5	92.4	93.1	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.2
≥ 500	3.0	79.0	84.7	88.7	92.5	93.5	94.6	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.1
≥ 400	3.0	79.4	85.3	89.5	93.4	94.6	95.8	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.8
≥ 300	3.0	79.4	85.3	89.5	93.8	94.9	96.1	97.7	98.1	98.7	98.8	98.8	98.8	98.8	98.9	99.0
≥ 200	3.0	79.4	85.4	89.6	93.9	95.1	96.2	97.8	98.2	99.0	99.1	99.1	99.2	99.2	99.4	99.6
≥ 100	3.0	79.4	85.4	89.6	93.9	95.1	96.2	97.8	98.2	99.0	99.1	99.1	99.2	99.5	99.8	100.0
≥ 0	3.0	79.4	85.4	89.6	93.9	95.1	96.2	97.8	98.2	99.0	99.1	99.1	99.2	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	2.6	43.4	45.5	47.3	48.6	48.6	49.4	49.8	49.9	50.0	50.1	50.1	50.1	50.1	50.1	50.1
≥ 20000	2.7	48.3	50.6	52.9	54.5	54.5	55.3	55.7	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.0
≥ 18000	2.7	48.4	50.8	53.0	54.6	54.6	55.4	55.8	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1
≥ 16000	2.7	48.5	50.9	53.1	54.7	54.7	55.5	55.9	56.0	56.1	56.2	56.2	56.2	56.2	56.2	56.2
≥ 14000	2.7	48.9	51.3	53.5	55.2	55.2	55.9	56.3	56.5	56.6	56.7	56.7	56.7	56.7	56.7	56.7
≥ 12000	2.7	49.9	52.4	54.6	56.2	56.3	57.1	57.5	57.6	57.7	57.8	57.8	57.8	57.8	57.8	57.8
≥ 10000	2.7	53.8	56.6	59.4	61.3	61.4	62.5	62.9	63.0	63.1	63.2	63.2	63.2	63.2	63.2	63.2
≥ 9000	2.7	54.2	57.0	59.8	61.7	61.8	62.9	63.3	63.4	63.5	63.7	63.7	63.7	63.7	63.7	63.7
≥ 8000	2.7	57.7	60.6	63.5	65.5	65.6	66.8	67.2	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5
≥ 7000	2.7	59.8	62.7	65.6	67.7	67.8	69.1	69.6	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9
≥ 6000	2.7	61.0	63.9	66.9	69.0	69.1	70.4	71.2	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5
≥ 5000	2.7	62.8	65.8	69.4	71.6	71.7	73.1	73.9	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4500	2.7	63.5	66.7	70.2	72.5	72.6	74.0	74.7	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4000	2.7	65.7	69.1	73.0	75.7	75.8	77.3	78.1	78.2	78.3	78.4	78.4	78.5	78.5	78.5	78.5
≥ 3500	2.7	66.1	69.6	73.5	76.3	76.5	78.0	78.7	78.8	78.9	79.0	79.0	79.1	79.1	79.1	79.1
≥ 3000	2.7	66.8	70.4	74.5	77.5	77.6	79.2	80.0	80.2	80.3	80.4	80.4	80.5	80.5	80.5	80.5
≥ 2500	2.7	67.0	70.9	75.1	78.1	78.4	80.0	80.8	81.0	81.1	81.2	81.2	81.3	81.3	81.3	81.3
≥ 2000	2.7	67.4	71.3	75.9	79.0	79.5	81.1	81.8	82.0	82.2	82.3	82.3	82.4	82.4	82.4	82.4
≥ 1800	2.7	67.6	71.6	76.2	79.4	79.8	81.4	82.2	82.4	82.5	82.6	82.6	82.7	82.7	82.7	82.7
≥ 1500	2.7	68.2	72.2	76.8	80.3	80.8	82.4	83.1	83.3	83.4	83.5	83.5	83.7	83.7	83.7	83.7
≥ 1200	2.7	68.6	73.0	77.6	81.3	81.7	83.7	84.4	84.6	84.7	84.8	84.8	84.9	84.9	84.9	84.9
≥ 1000	2.7	69.6	74.0	78.7	82.5	83.2	85.4	86.1	86.3	86.6	86.7	86.7	86.8	86.8	86.8	86.8
≥ 900	2.7	69.6	74.0	78.8	82.6	83.3	85.5	86.2	86.5	86.7	86.8	86.8	86.9	86.9	86.9	86.9
≥ 800	2.7	69.8	74.2	79.1	82.9	83.7	85.8	86.9	87.1	87.3	87.4	87.4	87.5	87.5	87.5	87.5
≥ 700	2.7	70.1	74.7	79.8	84.0	85.1	87.4	88.8	89.0	89.4	89.5	89.5	89.6	89.6	89.6	89.6
≥ 600	2.7	70.2	74.8	80.2	85.2	86.6	89.0	90.4	90.8	91.1	91.2	91.2	91.3	91.3	91.3	91.3
≥ 500	2.7	70.2	74.8	80.6	86.5	88.2	90.9	92.4	92.7	93.1	93.2	93.2	93.3	93.3	93.3	93.3
≥ 400	2.7	70.3	75.1	81.0	87.2	88.9	92.5	94.2	94.7	95.3	95.4	95.4	95.6	95.6	95.6	95.6
≥ 300	2.7	70.3	75.1	81.0	87.2	89.2	93.0	95.2	95.9	96.6	96.7	96.7	96.9	96.9	96.9	96.9
≥ 200	2.7	70.3	75.1	81.0	87.3	89.6	93.5	96.2	97.1	98.3	98.4	98.4	98.7	98.8	98.8	98.8
≥ 100	2.7	70.3	75.1	81.0	87.3	89.6	93.5	96.2	97.1	98.4	98.6	98.6	99.0	99.4	99.6	100.0
≥ 0	2.7	70.3	75.1	81.0	87.3	89.6	93.5	96.2	97.1	98.4	98.6	98.6	99.0	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

137.5
STATION

ANDREWS AFB MD

STATION NAME

70.73-81

YEARS

MAY

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3600-0600
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	1.8	42.0	46.2	48.4	48.6	49.1	49.5	49.8	49.8	49.8	49.8	49.8	49.9	49.9	49.9	50.1
≥ 20000	1.9	46.1	50.4	53.3	53.8	54.5	55.1	55.5	55.5	55.5	55.5	55.6	55.6	55.7	55.7	55.9
≥ 18000	1.9	46.6	50.9	53.8	54.2	54.9	55.5	55.9	55.9	55.9	56.0	56.0	56.1	56.1	56.1	56.3
≥ 16000	1.9	46.7	51.0	53.9	54.3	55.1	55.6	56.0	56.0	56.0	56.1	56.1	56.2	56.2	56.2	56.5
≥ 14000	1.9	47.2	51.5	54.4	54.8	55.6	56.1	56.6	56.6	56.6	56.7	56.7	56.8	56.8	56.8	57.0
≥ 12000	1.9	48.1	52.6	55.6	56.0	56.9	57.5	58.0	58.0	58.0	58.1	58.1	58.2	58.2	58.2	58.4
≥ 10000	1.9	50.6	55.7	59.0	59.9	61.0	61.8	62.5	62.5	62.5	62.6	62.6	62.7	62.7	62.7	63.0
≥ 9000	1.9	51.3	56.5	59.8	60.6	61.7	62.6	63.2	63.2	63.2	63.3	63.3	63.4	63.4	63.4	63.8
≥ 8000	1.9	54.0	59.2	62.8	63.7	64.7	65.9	66.8	66.8	66.8	66.9	66.9	67.0	67.0	67.0	67.3
≥ 7000	1.9	55.2	60.4	64.0	64.9	66.1	67.4	68.3	68.3	68.3	68.4	68.4	68.5	68.5	68.5	68.8
≥ 6000	1.9	56.1	61.4	65.1	66.0	67.2	68.5	69.4	69.4	69.4	69.5	69.5	69.6	69.6	69.6	69.9
≥ 5000	1.9	57.6	63.0	67.0	68.1	69.2	70.8	71.6	71.6	71.6	71.7	71.7	71.8	71.8	71.8	72.2
≥ 4500	1.9	58.0	63.4	67.5	68.6	69.8	71.3	72.3	72.3	72.3	72.4	72.4	72.5	72.5	72.5	72.8
≥ 4000	1.9	60.1	65.9	70.5	71.8	73.0	74.5	75.8	75.9	76.0	76.1	76.1	76.2	76.2	76.2	76.7
≥ 3500	1.9	60.3	66.2	70.9	72.3	73.4	75.1	76.3	76.5	76.6	76.7	76.7	76.8	76.8	76.8	77.2
≥ 3000	1.9	61.1	67.1	71.9	73.7	74.8	76.5	77.7	77.8	78.0	78.1	78.1	78.2	78.2	78.2	78.6
≥ 2500	1.9	61.1	67.1	72.0	73.9	75.1	76.8	78.1	78.2	78.3	78.4	78.4	78.5	78.5	78.5	78.9
≥ 2000	1.9	61.5	67.5	72.5	74.3	75.5	77.2	78.5	78.8	78.9	79.0	79.0	79.1	79.1	79.1	79.6
≥ 1800	1.9	61.6	67.6	72.7	74.5	75.8	77.5	78.8	79.1	79.2	79.4	79.4	79.5	79.5	79.5	79.9
≥ 1500	1.9	61.8	67.8	73.0	74.8	76.5	78.3	79.6	79.9	80.0	80.1	80.1	80.2	80.2	80.2	80.6
≥ 1200	1.9	62.5	69.0	74.6	76.6	78.2	80.1	81.4	81.7	81.8	81.9	81.9	82.0	82.0	82.0	82.5
≥ 1000	1.9	63.1	69.7	75.5	77.6	79.5	81.6	83.0	83.3	83.5	83.8	83.8	83.9	83.9	83.9	84.3
≥ 900	1.9	63.4	70.0	75.8	78.0	79.8	82.3	83.7	84.0	84.2	84.4	84.4	84.5	84.5	84.5	84.9
≥ 800	1.9	64.0	70.8	76.8	78.9	80.9	83.5	84.9	85.3	85.5	85.7	85.7	85.8	85.8	85.8	86.2
≥ 700	1.9	64.2	71.1	77.0	79.5	81.8	84.7	86.2	86.6	86.9	87.1	87.1	87.2	87.2	87.2	87.6
≥ 600	1.9	64.3	71.4	77.6	80.9	83.3	86.6	88.4	88.8	89.2	89.5	89.5	89.6	89.6	89.6	90.0
≥ 500	1.9	64.3	71.5	77.8	81.4	84.3	88.1	90.4	90.9	91.3	91.5	91.5	91.6	91.6	91.6	92.0
≥ 400	1.9	64.3	71.6	78.2	81.8	85.4	90.1	93.3	93.8	94.6	94.9	95.1	95.2	95.2	95.2	95.6
≥ 300	1.9	64.3	71.6	78.2	82.2	85.7	91.2	94.5	95.2	96.7	97.0	97.2	97.3	97.4	97.4	97.8
≥ 200	1.9	64.3	71.6	78.3	82.3	85.8	91.6	95.2	95.9	97.5	98.0	98.2	98.6	98.8	98.8	99.4
≥ 100	1.9	64.3	71.6	78.3	82.3	85.8	91.6	95.3	96.0	97.7	98.3	98.5	99.0	99.2	99.4	99.9
≥ 0	1.9	64.3	71.6	78.3	82.3	85.8	91.6	95.3	96.0	97.7	98.3	98.5	99.0	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	2.4	45.9	47.5	48.1	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 20000	2.5	50.3	52.4	53.2	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 18000	2.5	50.8	52.8	53.7	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 16000	2.5	51.2	53.2	54.1	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 14000	2.5	51.9	54.0	54.8	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 12000	2.5	54.2	56.2	57.1	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 10000	2.5	58.4	60.9	62.2	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 9000	2.5	58.5	61.0	62.3	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 8000	2.5	60.4	63.2	64.9	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 7000	2.5	61.7	64.6	66.3	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 6000	2.5	62.7	65.8	67.7	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 5000	2.6	64.6	68.0	70.1	71.2	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4500	2.6	65.1	68.5	70.6	71.7	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 4000	2.9	68.1	71.9	74.2	75.4	75.7	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 3500	2.9	68.6	72.6	74.8	76.0	76.3	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 3000	2.9	71.4	75.5	77.7	78.9	79.2	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 2500	2.9	72.3	76.8	79.1	80.5	80.9	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2000	2.9	73.3	78.0	80.5	81.9	82.5	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1800	2.9	73.9	78.5	81.1	82.5	83.0	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1500	2.9	74.7	79.7	82.8	84.9	85.5	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1200	2.9	75.3	81.1	84.7	87.3	88.2	88.7	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1000	3.0	76.1	82.0	86.3	89.2	90.1	90.9	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 900	3.0	76.1	82.4	86.7	89.9	90.8	91.6	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 800	3.0	76.5	82.8	87.4	90.9	91.9	92.9	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 700	3.0	76.8	83.1	88.1	91.7	92.9	94.1	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 600	3.0	76.8	83.1	88.4	92.0	93.4	94.9	95.4	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 500	3.0	76.8	83.1	88.6	92.5	94.5	96.2	96.8	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400	3.0	76.8	83.1	88.6	92.9	94.9	96.7	97.4	97.5	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 300	3.0	76.8	83.1	88.6	93.0	95.2	97.0	97.8	98.1	98.7	98.9	98.9	98.9	99.0	99.0	99.0
≥ 200	3.0	76.8	83.1	88.6	93.0	95.2	97.1	98.1	98.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	3.0	76.8	83.1	88.6	93.0	95.2	97.1	98.1	98.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	3.0	76.8	83.1	88.6	93.0	95.2	97.1	98.1	98.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	3.7	43.7	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 20000	3.0	51.3	52.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 18000	3.0	51.5	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 16000	3.0	51.7	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 14000	3.0	52.2	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 12000	3.0	54.5	55.7	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 10000	3.0	58.4	59.8	60.2	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 9000	3.0	58.5	59.9	60.3	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 8000	3.1	62.0	63.7	64.3	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 7000	3.1	63.1	64.7	65.4	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 6000	3.1	64.4	66.2	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 5000	3.5	67.1	68.9	70.5	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 4500	3.9	68.0	69.8	71.4	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 4000	4.2	72.2	74.1	76.3	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3500	4.2	73.1	75.1	77.3	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 3000	4.3	76.5	78.6	81.0	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4
≥ 2500	4.3	78.3	80.6	83.1	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8
≥ 2000	4.3	78.8	81.8	84.8	86.7	86.9	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3
≥ 1800	4.3	79.0	82.2	85.2	87.0	87.2	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6
≥ 1500	4.3	79.7	83.3	87.0	89.8	90.1	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6
≥ 1200	4.3	80.1	83.9	88.2	91.2	91.6	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.2	92.2
≥ 1000	4.3	81.4	85.2	90.0	93.3	93.9	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5
≥ 900	4.3	81.4	85.2	90.0	93.7	94.2	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9
≥ 800	4.3	81.6	85.5	90.3	94.2	94.8	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9
≥ 700	4.3	82.0	85.9	90.9	94.9	95.9	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6
≥ 600	4.3	82.0	86.0	91.0	95.2	96.2	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3
≥ 500	4.3	82.2	86.1	91.2	95.5	96.7	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8
≥ 400	4.3	82.2	86.1	91.3	95.6	96.8	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0
≥ 300	4.3	82.2	86.1	91.3	95.6	96.9	98.4	99.0	99.2	99.4	99.6	99.6	99.6	99.6	99.7	99.7
≥ 200	4.3	82.2	86.1	91.3	95.6	96.9	98.4	99.1	99.4	99.6	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	4.3	82.2	86.1	91.3	95.6	96.9	98.4	99.1	99.4	99.6	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	4.3	82.2	86.1	91.3	95.6	96.9	98.4	99.1	99.4	99.6	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 936

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	2.6	42.7	43.0	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 20000	2.8	52.6	52.9	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 18000	2.9	52.8	53.1	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 16000	2.9	53.2	53.5	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 14000	2.9	54.0	54.5	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 12000	2.9	56.2	56.8	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 10000	2.9	59.1	59.8	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 9000	2.9	59.8	60.4	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 8000	3.0	64.6	65.5	66.6	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 7000	3.0	66.3	67.2	68.5	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 6000	3.0	67.4	68.3	69.6	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 5000	3.3	70.6	71.6	73.4	74.2	74.3	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4500	3.7	71.8	72.8	74.8	75.6	75.7	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4000	3.7	75.7	77.2	79.9	80.6	80.8	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3500	3.7	77.0	78.5	81.3	82.0	82.3	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 3000	3.8	80.0	82.0	84.9	85.7	85.9	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2500	3.8	81.3	83.5	86.9	87.7	88.1	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2000	3.8	82.0	84.5	88.2	89.4	89.8	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1800	3.8	82.3	84.8	88.5	89.9	90.3	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1500	3.8	83.0	85.9	89.8	92.2	92.6	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1200	3.8	83.3	86.2	90.3	92.9	93.3	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1000	3.8	83.8	86.9	91.1	94.0	94.4	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 900	3.8	83.8	86.9	91.1	94.1	94.5	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	3.8	83.8	86.9	91.1	94.3	94.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	3.8	83.9	87.0	91.2	94.5	95.1	96.2	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	3.8	83.9	87.1	91.3	94.7	95.3	96.9	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	3.8	83.9	87.1	91.3	94.7	95.3	97.2	98.3	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	3.8	83.9	87.1	91.3	94.7	95.3	97.3	98.6	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	3.8	83.9	87.1	91.3	94.7	95.3	97.3	98.7	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	3.8	83.9	87.1	91.3	94.7	95.3	97.3	98.8	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	3.8	83.9	87.1	91.3	94.7	95.3	97.3	98.8	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	3.8	83.9	87.1	91.3	94.7	95.3	97.3	98.8	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC

FORM
JUL 66

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13715

ANDREWS AFB MD

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	4.1	49.4	50.4	51.3	51.5	51.5	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 20000	4.3	59.9	61.3	62.3	62.7	62.7	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 18000	4.3	60.0	61.4	62.4	62.8	62.8	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 16000	4.3	60.0	61.4	62.4	62.8	62.8	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 14000	4.3	60.6	62.0	63.0	63.5	63.5	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 12000	4.3	62.6	64.1	65.4	65.8	65.8	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 10000	4.3	66.4	67.9	69.7	70.5	70.5	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 9000	4.3	67.2	68.9	70.7	71.4	71.4	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 8000	4.3	70.6	72.4	74.4	75.3	75.3	75.6	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 7000	4.3	71.8	73.6	75.5	76.5	76.5	76.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 6000	4.4	73.3	75.2	77.3	78.3	78.3	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 5000	4.4	75.0	77.5	79.6	80.9	81.1	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4500	4.4	75.2	77.7	80.0	81.3	81.5	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 4000	4.4	78.1	81.5	84.2	85.7	86.0	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3500	4.4	78.7	82.0	84.7	86.2	86.5	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3000	4.4	79.7	83.2	86.2	88.0	88.5	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2500	4.4	80.3	83.8	86.9	88.8	89.2	89.9	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2000	4.4	80.8	84.4	87.7	89.8	90.6	91.3	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1800	4.4	80.8	84.4	87.7	89.8	90.6	91.3	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.6
≥ 1500	4.4	81.4	84.9	88.5	90.8	92.0	92.8	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200	4.4	81.8	85.3	89.1	91.7	92.9	93.6	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1000	4.4	82.0	85.6	89.4	92.2	93.5	94.3	94.8	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 900	4.4	82.0	85.6	89.4	92.2	93.8	94.5	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800	4.4	82.0	85.6	89.5	92.5	94.0	94.8	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	4.4	82.0	85.6	89.7	92.7	94.2	95.0	95.8	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 600	4.4	82.0	85.6	89.7	92.8	94.3	95.2	96.0	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 500	4.4	82.2	85.8	89.9	93.0	94.6	95.6	96.7	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 400	4.4	82.2	85.8	89.9	93.1	94.8	96.3	97.7	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	4.4	82.2	85.8	89.9	93.1	94.8	96.3	97.8	98.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	4.4	82.2	85.8	89.9	93.1	94.8	96.3	97.8	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	4.4	82.2	85.8	89.9	93.1	94.8	96.3	97.8	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	4.4	82.2	85.8	89.9	93.1	94.8	96.3	97.8	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2130-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	3.9	53.7	55.0	55.6	56.0	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 20000	4.0	60.6	62.6	63.2	63.8	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 18000	4.0	60.8	62.8	63.4	64.0	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 16000	4.0	60.9	62.9	63.5	64.1	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 14000	4.0	61.1	63.0	63.8	64.3	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 12000	4.0	62.9	64.8	65.7	66.2	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 10000	4.0	66.9	69.0	70.0	71.4	71.8	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 9000	4.0	67.3	69.5	70.4	71.8	72.3	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 8000	4.0	70.9	73.6	74.6	76.1	76.5	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 7000	4.0	71.8	74.5	75.6	77.0	77.5	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 6000	4.0	73.1	76.1	77.1	78.5	79.0	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 5000	4.0	74.9	78.1	79.4	81.0	81.4	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4500	4.0	75.8	79.2	80.5	82.2	82.6	82.7	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 4000	4.0	78.3	82.2	83.6	85.5	86.1	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3500	4.0	79.7	82.6	84.0	86.1	86.6	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3000	4.0	80.3	84.6	86.1	88.3	88.9	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2500	4.0	80.6	85.1	86.9	89.3	89.9	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2000	4.0	80.8	85.8	87.8	90.4	90.9	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800	4.0	80.8	85.8	87.8	90.4	90.9	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1500	4.0	81.0	86.3	88.7	91.3	91.8	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1200	4.0	81.6	86.9	89.5	92.2	92.8	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1000	4.0	82.0	87.5	90.4	93.2	93.7	93.9	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 900	4.0	82.1	87.7	90.6	93.4	94.1	94.2	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	4.0	82.2	88.0	90.9	93.9	94.5	94.6	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 700	4.0	82.4	88.2	91.2	94.2	94.8	94.9	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 600	4.0	82.4	88.2	91.2	94.6	95.3	95.6	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 500	4.0	82.5	88.3	91.3	95.0	95.8	96.1	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 400	4.0	82.5	88.3	91.3	95.1	96.0	96.7	97.2	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	4.0	82.5	88.3	91.3	95.4	96.2	97.0	98.0	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 200	4.0	82.5	88.3	91.3	95.4	96.2	97.0	98.0	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 100	4.0	82.5	88.3	91.3	95.4	96.2	97.0	98.0	98.9	99.7	99.8	99.8	99.8	100.0	100.0	100.0
≥ 0	4.0	82.5	88.3	91.3	95.4	96.2	97.0	98.0	98.9	99.7	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	2.9	46.6	48.1	49.0	49.3	49.4	49.6	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 20000	3.0	53.1	55.0	56.1	56.6	56.7	57.0	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2
≥ 18000	3.0	53.4	55.2	56.4	56.8	57.0	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5
≥ 16000	3.0	53.6	55.4	56.6	57.0	57.2	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7
≥ 14000	3.0	54.1	56.0	57.2	57.7	57.8	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3
≥ 12000	3.0	55.9	57.9	59.2	59.7	59.9	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4
≥ 10000	3.0	59.4	61.7	63.3	64.2	64.4	64.7	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1
≥ 9000	3.0	59.8	62.1	63.8	64.6	64.9	65.2	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6
≥ 8000	3.1	63.3	66.0	67.8	68.7	69.0	69.4	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8
≥ 7000	3.1	64.7	67.3	69.2	70.2	70.6	71.0	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.4
≥ 6000	3.1	65.8	68.6	70.6	71.6	72.0	72.4	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8
≥ 5000	3.2	67.9	70.9	73.2	74.4	74.8	75.3	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.8
≥ 4500	3.3	68.6	71.6	74.1	75.3	75.7	76.2	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.7
≥ 4000	3.3	71.5	75.0	77.8	79.2	79.6	80.2	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.8
≥ 3500	3.3	72.1	75.6	78.5	80.0	80.4	81.0	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.6
≥ 3000	3.4	74.0	77.7	80.6	82.3	82.6	83.4	83.8	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0
≥ 2500	3.4	74.6	78.6	81.7	83.5	84.0	84.6	85.0	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.3
≥ 2000	3.4	75.2	79.3	82.7	84.7	85.3	86.0	86.4	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.7
≥ 1800	3.4	75.4	79.6	82.9	84.9	85.6	86.3	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	87.0
≥ 1500	3.4	75.9	80.3	83.9	86.4	87.1	87.9	88.3	88.4	88.5	88.5	88.5	88.5	88.6	88.6	88.6
≥ 1200	3.4	76.4	81.0	85.0	87.6	88.4	89.3	89.7	89.8	89.9	89.9	89.9	89.9	90.0	90.0	90.0
≥ 1000	3.4	77.1	81.8	86.0	88.9	89.7	90.7	91.2	91.3	91.4	91.4	91.4	91.4	91.5	91.5	91.6
≥ 900	3.4	77.1	82.0	86.2	89.1	90.0	91.1	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.9
≥ 800	3.4	77.3	82.2	86.6	89.6	90.6	91.8	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.7	92.7
≥ 700	3.4	77.5	82.5	86.9	90.2	91.4	92.7	93.5	93.7	93.8	93.8	93.8	93.8	93.9	93.9	93.9
≥ 600	3.4	77.6	82.6	87.2	90.9	92.1	93.6	94.5	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.1
≥ 500	3.4	77.6	82.7	87.4	91.4	92.9	94.6	95.7	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.4
≥ 400	3.4	77.7	82.8	87.6	91.7	93.3	95.5	96.8	97.2	97.6	97.7	97.7	97.7	97.8	97.8	97.8
≥ 300	3.4	77.7	82.8	87.6	91.9	93.5	95.8	97.4	97.9	98.5	98.7	98.7	98.8	98.8	98.8	98.9
≥ 200	3.4	77.7	82.8	87.6	91.9	93.6	95.9	97.6	98.3	99.1	99.4	99.4	99.5	99.6	99.6	99.7
≥ 100	3.4	77.7	82.8	87.6	91.9	93.6	95.9	97.6	98.3	99.2	99.4	99.5	99.6	99.7	99.8	100.0
≥ 0	3.4	77.7	82.8	87.6	91.9	93.6	95.9	97.6	98.3	99.2	99.4	99.5	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

7435

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1875

ANDREWS AFB MD

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	2.9	49.9	54.4	55.9	57.1	57.6	57.8	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 20000	3.0	54.9	60.6	62.4	63.8	64.2	64.6	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 18000	3.0	55.6	61.2	63.1	64.4	64.9	65.2	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 16000	3.0	55.6	61.2	63.1	64.4	64.9	65.2	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 14000	3.0	56.7	62.3	64.2	65.6	66.0	66.3	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 12000	3.0	57.6	63.2	65.1	66.4	66.9	67.2	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 10000	3.0	62.6	68.4	71.1	72.7	73.2	73.6	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 9000	3.3	63.4	69.3	72.0	73.6	74.1	74.4	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 8000	3.3	65.7	71.7	74.4	76.0	76.6	76.9	78.0	78.0	78.2	78.3	78.3	78.3	78.3	78.3	78.3
≥ 7000	3.7	67.0	73.0	75.8	77.3	77.9	78.2	79.3	79.4	79.7	79.8	79.8	79.8	79.8	79.8	79.8
≥ 6000	3.7	68.0	74.0	76.8	78.3	78.9	79.2	80.3	80.4	80.7	80.8	80.8	80.8	80.8	80.8	80.8
≥ 5000	3.7	69.9	75.9	78.7	80.3	80.9	81.2	82.4	82.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4500	3.9	70.7	76.9	79.8	81.4	82.0	82.3	83.6	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0
≥ 4000	3.9	72.9	79.6	82.7	84.9	85.7	86.0	87.2	87.3	87.6	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3500	3.9	73.3	80.1	83.3	85.8	86.6	86.9	88.1	88.2	88.4	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3000	3.9	74.3	81.3	84.7	87.3	88.1	88.4	89.7	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2500	3.9	74.8	81.8	85.1	87.8	88.6	88.9	90.1	90.2	90.4	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2000	4.0	75.8	83.1	86.8	89.4	90.2	90.6	91.8	91.9	92.1	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800	4.0	76.2	83.7	87.4	90.1	90.9	91.2	92.4	92.6	92.8	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1500	4.2	76.6	84.1	88.0	90.7	91.4	91.9	93.1	93.2	93.4	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1200	4.2	77.1	84.8	88.9	91.6	92.3	92.8	94.0	94.1	94.3	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1000	4.2	77.8	85.6	89.9	92.8	93.6	94.2	95.4	95.6	95.8	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	4.2	77.9	85.7	90.0	92.9	93.7	94.4	95.7	95.8	96.0	96.2	96.2	96.2	96.2	96.2	96.2
≥ 800	4.2	78.2	86.1	90.6	93.6	94.3	95.1	96.3	96.4	96.8	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	4.2	78.2	86.1	90.6	93.8	94.6	95.3	96.6	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	4.2	78.2	86.1	90.6	93.9	94.7	95.4	96.8	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	4.2	78.2	86.3	91.0	94.3	95.1	96.0	97.4	97.6	97.9	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	4.2	78.4	86.6	91.2	94.8	95.6	96.7	98.1	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	4.2	78.4	86.6	91.2	94.8	95.7	96.9	98.3	98.4	99.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	4.2	78.4	86.6	91.2	94.8	95.7	96.9	98.3	98.4	99.1	99.4	99.4	99.8	99.8	99.9	99.9
≥ 100	4.2	78.4	86.6	91.2	94.8	95.7	96.9	98.3	98.4	99.1	99.4	99.4	99.8	99.8	99.9	99.9
≥ 0	4.2	78.4	86.6	91.2	94.8	95.7	96.9	98.3	98.4	99.1	99.4	99.4	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	3.1	44.0	48.3	51.3	54.0	54.7	55.3	56.0	56.0	56.1	56.2	56.2	56.2	56.2	56.2	56.2
≥ 20000	3.1	47.3	52.4	55.8	58.6	59.2	60.0	60.8	60.8	61.0	61.1	61.1	61.1	61.1	61.1	61.1
≥ 18000	3.0	47.8	52.9	56.2	59.0	59.7	60.4	61.2	61.2	61.4	61.6	61.6	61.6	61.6	61.6	61.6
≥ 16000	3.1	47.8	52.9	56.2	59.0	59.7	60.4	61.2	61.2	61.4	61.6	61.6	61.6	61.6	61.6	61.6
≥ 14000	3.0	48.4	53.6	56.9	59.7	60.3	61.1	61.9	62.0	62.2	62.3	62.3	62.3	62.3	62.3	62.3
≥ 12000	3.1	49.8	55.1	58.4	61.2	61.9	62.7	63.4	63.6	63.8	63.9	63.9	63.9	63.9	63.9	63.9
≥ 10000	3.1	54.3	59.8	63.9	66.9	67.6	68.4	69.3	69.4	69.7	69.9	69.9	69.9	69.9	70.0	70.0
≥ 9000	3.2	55.1	60.7	64.9	67.9	68.6	69.4	70.3	70.4	70.7	70.9	70.9	70.9	70.9	71.0	71.0
≥ 8000	3.2	57.2	63.1	67.4	70.6	71.2	72.1	73.0	73.1	73.3	73.6	73.6	73.7	73.7	73.9	73.9
≥ 7000	3.4	58.0	63.9	68.2	71.3	72.0	73.0	73.9	74.0	74.2	74.4	74.4	74.6	74.6	74.8	74.8
≥ 6000	3.4	59.0	64.9	69.2	72.3	73.0	74.0	74.9	75.1	75.3	75.6	75.6	75.7	75.7	75.9	75.9
≥ 5000	3.4	61.1	67.0	71.3	74.4	75.2	76.2	77.3	77.6	77.8	78.0	78.0	78.1	78.1	78.3	78.3
≥ 4500	3.4	62.2	68.1	72.6	75.7	76.4	77.4	78.8	79.0	79.2	79.4	79.4	79.6	79.6	79.8	79.8
≥ 4000	3.4	64.9	71.1	75.8	79.2	80.1	81.6	83.1	83.3	83.7	83.9	83.9	84.0	84.0	84.2	84.2
≥ 3500	3.4	65.3	71.7	76.6	80.1	81.1	82.6	84.1	84.3	84.8	85.0	85.0	85.1	85.1	85.4	85.4
≥ 3000	3.4	66.0	72.3	77.2	81.2	82.2	83.8	85.4	85.7	86.1	86.3	86.3	86.4	86.4	86.8	86.9
≥ 2500	3.4	66.2	72.6	77.6	81.7	82.7	84.2	85.9	86.1	86.6	86.8	86.8	86.9	86.9	87.2	87.3
≥ 2000	3.4	67.0	73.6	78.6	82.8	83.8	85.4	87.1	87.4	87.9	88.1	88.1	88.2	88.2	88.7	88.8
≥ 1800	3.4	67.2	73.8	78.8	83.0	84.0	85.7	87.3	87.7	88.1	88.3	88.3	88.4	88.4	88.9	89.0
≥ 1500	3.6	68.0	74.8	79.8	84.0	85.1	86.9	88.6	88.9	89.3	89.6	89.6	89.7	89.7	90.1	90.2
≥ 1200	3.6	68.4	75.2	80.2	84.4	85.7	87.4	89.2	89.6	90.0	90.2	90.2	90.3	90.3	90.8	90.9
≥ 1000	3.6	69.1	76.3	81.4	85.9	87.2	89.0	91.0	91.4	91.9	92.1	92.1	92.2	92.2	92.7	92.8
≥ 900	3.6	69.4	76.8	81.9	86.4	87.8	89.7	91.7	92.1	92.6	92.8	92.8	92.9	92.9	93.3	93.4
≥ 800	3.6	69.6	76.9	82.2	86.9	88.2	90.1	92.3	92.9	93.3	93.6	93.6	93.7	93.7	94.1	94.2
≥ 700	3.6	69.8	77.1	82.6	87.2	88.8	90.8	93.1	93.7	94.1	94.3	94.3	94.4	94.4	94.9	95.0
≥ 600	3.6	69.9	77.3	82.9	87.8	89.3	91.6	93.9	94.4	94.9	95.1	95.1	95.2	95.2	95.7	95.8
≥ 500	3.6	70.0	77.4	83.0	88.0	89.6	91.8	94.3	94.9	95.3	95.6	95.6	95.7	95.7	96.1	96.2
≥ 400	3.6	70.0	77.4	83.1	88.2	90.0	92.4	95.2	95.9	96.3	96.6	96.6	96.7	96.7	97.1	97.2
≥ 300	3.6	70.0	77.4	83.1	88.2	90.0	92.7	95.6	96.2	96.7	96.9	96.9	97.0	97.0	97.4	97.6
≥ 200	3.6	70.0	77.4	83.1	88.2	90.0	92.7	95.6	96.2	96.8	97.1	97.1	97.4	97.4	98.0	98.2
≥ 100	3.6	70.0	77.4	83.1	88.2	90.0	92.7	95.6	96.2	96.8	97.1	97.2	98.1	98.1	98.8	99.4
≥ 0	3.6	70.0	77.4	83.1	88.2	90.0	92.7	95.6	96.2	96.8	97.1	97.2	98.1	98.1	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOEAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	3.1	38.1	42.6	45.9	49.0	49.6	50.8	51.3	51.4	51.7	51.9	51.9	51.9	51.9	52.0	52.0
≥ 20000	3.2	43.0	47.9	51.3	54.8	55.3	57.0	57.6	57.7	58.0	58.2	58.2	58.2	58.2	58.3	58.3
≥ 18000	3.2	43.2	48.1	51.6	55.0	55.6	57.2	57.8	57.9	58.2	58.4	58.4	58.4	58.4	58.6	58.6
≥ 16000	3.2	43.3	48.2	51.7	55.1	55.7	57.3	57.9	58.0	58.3	58.6	58.6	58.6	58.6	58.7	58.7
≥ 14000	3.2	44.2	49.1	52.6	56.0	56.6	58.2	58.8	58.9	59.2	59.4	59.4	59.4	59.4	59.6	59.6
≥ 12000	3.3	45.7	50.7	54.2	57.7	58.2	59.9	60.4	60.7	61.0	61.2	61.2	61.2	61.2	61.3	61.3
≥ 10000	3.3	50.8	56.8	60.6	64.6	65.2	67.1	67.9	68.1	68.4	68.8	68.8	68.8	68.8	68.9	68.9
≥ 9000	3.3	51.1	57.3	61.1	65.1	65.8	67.8	68.6	68.8	69.1	69.4	69.4	69.4	69.4	69.6	69.6
≥ 8000	3.3	55.1	61.7	65.8	69.9	70.6	73.2	74.0	74.2	74.6	74.9	74.9	74.9	74.9	75.0	75.0
≥ 7000	3.3	55.7	62.2	66.4	70.6	71.2	73.9	74.8	75.0	75.3	75.7	75.7	75.7	75.7	75.8	75.8
≥ 6000	3.4	56.1	62.7	66.9	71.0	71.7	74.4	75.3	75.6	75.9	76.2	76.2	76.3	76.3	76.4	76.4
≥ 5000	3.4	56.9	63.7	68.0	72.1	72.9	75.7	76.6	76.8	77.1	77.4	77.4	77.6	77.6	77.7	77.7
≥ 4500	3.4	57.2	64.0	68.6	72.7	73.4	76.2	77.1	77.3	77.7	78.0	78.0	78.1	78.1	78.2	78.2
≥ 4000	3.4	58.9	65.9	70.6	75.0	75.8	79.0	79.9	80.1	80.4	80.8	80.8	80.9	80.9	81.0	81.0
≥ 3500	3.4	59.2	66.2	70.9	75.7	76.4	79.7	80.6	80.8	81.1	81.4	81.4	81.6	81.6	81.7	81.7
≥ 3000	3.4	60.0	67.0	71.7	76.8	77.6	81.1	82.0	82.2	82.7	83.0	83.0	83.1	83.1	83.2	83.2
≥ 2500	3.4	60.3	67.4	72.3	77.6	78.3	81.9	82.8	83.0	83.4	83.8	83.8	83.9	83.9	84.0	84.0
≥ 2000	3.4	61.1	68.4	73.6	79.0	80.0	83.7	84.6	84.8	85.2	85.6	85.6	85.7	85.7	85.8	85.8
≥ 1800	3.4	61.1	68.4	73.6	79.0	80.0	83.7	84.6	84.8	85.2	85.6	85.6	85.7	85.7	85.8	85.8
≥ 1500	3.4	61.9	69.3	74.4	80.1	81.1	84.8	85.7	85.9	86.3	86.7	86.7	86.8	86.8	86.9	86.9
≥ 1200	3.4	62.6	70.3	75.7	81.6	82.7	86.6	87.4	87.7	88.1	88.4	88.6	88.6	88.6	88.7	88.7
≥ 1000	3.4	62.9	71.1	76.8	83.4	84.8	88.7	89.6	89.8	90.2	90.6	90.6	90.7	90.7	90.8	90.8
≥ 900	3.4	63.0	71.2	77.0	83.8	85.1	89.1	90.2	90.4	90.9	91.2	91.2	91.3	91.3	91.4	91.4
≥ 800	3.4	63.0	71.2	77.2	84.6	86.0	90.2	91.6	91.8	92.2	92.6	92.6	92.7	92.7	92.8	92.8
≥ 700	3.4	63.2	71.8	77.8	85.2	86.9	91.3	92.7	92.9	93.3	93.7	93.7	93.8	93.8	93.9	93.9
≥ 600	3.4	63.2	71.8	78.1	85.6	87.3	91.9	93.3	93.6	94.0	94.3	94.3	94.4	94.4	94.6	94.6
≥ 500	3.4	63.7	72.6	79.0	86.6	88.4	93.1	94.8	95.0	95.4	95.8	95.8	95.9	95.9	96.0	96.0
≥ 400	3.4	63.7	72.7	79.2	86.9	89.0	94.3	96.2	96.6	97.2	97.6	97.6	97.7	97.7	97.8	97.8
≥ 300	3.4	63.7	72.7	79.2	86.9	89.0	94.4	96.6	97.0	97.7	98.1	98.1	98.2	98.2	98.3	98.3
≥ 200	3.4	63.7	72.7	79.2	86.9	89.0	94.4	96.8	97.2	98.0	98.6	98.6	98.8	98.9	99.1	99.1
≥ 100	3.4	63.7	72.7	79.2	86.9	89.0	94.6	96.9	97.3	98.1	98.7	98.7	98.9	99.0	99.3	99.6
≥ 0	3.4	63.7	72.7	79.2	86.9	89.0	94.6	96.9	97.3	98.1	98.7	98.7	98.9	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES:															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	4.4	46.6	49.7	51.6	53.0	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 20000	4.4	52.6	56.2	58.6	60.4	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 18000	4.4	52.7	56.4	58.8	60.7	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 16000	4.4	53.0	56.8	59.1	61.0	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 14000	4.4	54.2	58.0	60.3	62.2	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 12000	4.4	55.4	59.2	61.6	63.9	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 10000	4.4	59.7	63.8	66.3	68.8	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 9000	4.4	59.7	63.8	66.3	68.8	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 8000	4.4	62.7	67.4	70.0	72.6	73.2	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 7000	4.4	62.9	67.7	70.2	72.8	73.4	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 6000	4.4	63.0	67.8	70.6	73.1	73.8	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 5000	4.6	64.7	69.6	72.3	75.0	75.7	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4500	4.6	65.2	70.2	73.1	75.9	76.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 4000	4.6	67.0	72.2	75.3	78.2	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3500	4.6	67.4	72.7	75.8	78.7	79.3	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3000	4.6	69.7	75.1	78.6	82.0	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	4.6	70.6	76.2	79.8	83.3	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2000	4.6	71.9	77.9	81.6	85.2	86.0	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1800	4.6	72.0	78.0	81.7	85.3	86.1	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1500	4.6	73.6	79.8	83.8	87.7	88.6	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1200	4.6	75.7	82.2	86.4	90.7	91.8	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1000	4.6	76.4	83.8	88.3	92.9	94.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	4.6	76.4	83.8	88.3	92.9	94.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 800	4.6	76.4	84.0	88.7	93.3	95.0	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	4.6	76.7	84.2	89.0	94.0	95.8	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	4.6	76.7	84.2	89.0	94.0	95.8	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500	4.6	76.9	84.7	89.7	94.7	96.6	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	4.6	76.9	84.8	89.8	94.8	96.8	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	4.6	76.9	84.8	89.8	94.8	96.8	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	4.6	76.9	84.8	89.8	94.8	96.8	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	4.6	76.9	84.8	89.8	94.8	96.8	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	4.6	76.9	84.8	89.8	94.8	96.8	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	5.2	43.6	47.3	48.2	49.4	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 20000	5.3	50.6	55.3	56.7	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 18000	5.3	50.6	55.3	56.7	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 16000	5.3	50.6	55.3	56.7	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 14000	5.3	52.2	57.1	58.4	59.8	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 12000	5.4	53.7	58.6	60.3	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 10000	5.4	57.7	62.7	64.7	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 9000	5.4	57.7	62.7	64.7	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 8000	5.4	61.7	67.0	69.2	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 7000	5.6	62.1	67.4	69.7	71.3	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 6000	5.6	62.9	68.2	70.4	72.1	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 5000	5.6	64.3	69.9	72.1	73.8	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4500	5.7	64.9	70.4	72.7	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4000	5.8	69.4	75.9	78.4	80.7	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2
≥ 3500	5.8	70.7	77.3	80.2	82.6	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3000	5.8	76.1	83.3	86.3	89.1	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2500	5.8	76.7	83.7	87.1	90.0	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2000	5.8	78.0	85.2	88.7	91.8	92.7	92.7	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800	5.8	78.3	85.8	89.2	92.3	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1500	5.8	79.1	86.7	90.1	93.3	94.2	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1200	5.8	79.8	87.8	92.1	95.6	96.4	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	5.8	80.1	88.1	92.4	96.3	97.4	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	5.8	80.2	88.2	92.7	96.8	97.9	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	5.8	80.2	88.2	92.7	96.9	98.1	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	5.8	80.3	88.3	92.8	97.2	98.4	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	5.8	80.3	88.3	92.8	97.2	98.4	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	5.8	80.3	88.3	92.8	97.3	98.8	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	5.8	80.3	88.3	92.8	97.3	98.8	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	5.8	80.3	88.4	92.9	97.4	98.9	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	5.8	80.3	88.4	92.9	97.4	98.9	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	5.8	80.3	88.4	92.9	97.4	98.9	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	5.8	80.3	88.4	92.9	97.4	98.9	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1775

ANDREWS AFB MD

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	4.7	46.7	49.9	50.9	52.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 20000	4.7	56.1	60.9	61.9	63.2	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 18000	4.7	56.4	61.2	62.2	63.6	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 16000	4.7	56.7	61.4	62.4	63.8	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 14000	4.8	57.8	62.7	63.7	65.0	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 12000	4.9	59.1	64.2	65.2	66.6	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 10000	5.1	62.9	68.6	69.7	71.0	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 9000	5.1	63.0	68.7	70.0	71.3	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 8000	5.2	66.2	72.1	73.8	75.1	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 7000	5.2	67.3	73.3	75.0	76.3	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 6000	5.2	69.0	75.0	76.8	78.2	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 5000	5.3	70.1	76.7	78.8	80.2	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 4500	5.3	70.9	77.7	79.8	81.3	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4000	5.3	75.0	81.9	84.2	86.0	86.6	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3500	5.4	76.4	83.4	86.0	87.8	88.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3000	5.4	79.1	86.1	88.7	90.4	91.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2500	5.4	79.4	86.8	89.4	91.2	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2000	5.4	80.2	88.3	91.2	93.3	94.2	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1
≥ 1800	5.4	80.4	88.7	91.6	93.8	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6
≥ 1500	5.4	80.6	89.0	91.9	94.3	95.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2
≥ 1200	5.4	81.0	89.6	92.7	95.4	96.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6
≥ 1000	5.4	81.7	90.2	93.4	96.3	97.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4
≥ 900	5.4	81.7	90.3	93.6	96.6	97.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8
≥ 800	5.4	81.7	90.3	93.7	96.8	97.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1
≥ 700	5.4	81.7	90.4	93.8	96.9	98.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 600	5.4	81.7	90.4	93.8	97.0	98.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6
≥ 500	5.4	81.8	90.6	93.9	97.1	98.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 400	5.4	81.8	90.6	93.9	97.1	98.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 300	5.4	81.8	90.6	93.9	97.1	98.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 200	5.4	81.8	90.6	93.9	97.1	98.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 100	5.4	81.8	90.6	93.9	97.1	98.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 0	5.4	81.8	90.6	93.9	97.1	98.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

137 S

ANDREWS AFB MD

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	3.3	48.1	52.4	52.9	53.9	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 20000	3.6	57.3	62.8	63.8	65.	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 18000	3.6	57.7	63.1	64.1	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 16000	3.6	57.9	63.3	64.3	65.8	66.1	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 14000	3.7	58.6	64.1	65.1	66.7	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 12000	3.9	60.6	66.3	67.6	69.3	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 10000	3.9	64.8	71.0	72.6	74.6	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 9000	3.9	65.7	72.0	73.7	75.7	76.1	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 8000	3.9	67.8	74.3	76.2	78.3	78.8	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 7000	4.0	68.6	75.3	77.2	79.3	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 6000	4.0	69.1	75.9	77.9	80.0	80.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 5000	4.1	70.3	77.6	79.6	82.1	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4500	4.1	70.4	78.0	80.1	82.7	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4000	4.3	74.4	82.4	84.7	87.4	88.1	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3500	4.3	75.0	83.1	85.6	88.4	89.2	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3000	4.3	76.4	84.7	87.3	91.4	91.2	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2500	4.3	76.9	85.3	88.1	91.3	92.1	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2000	4.3	77.8	86.6	89.4	92.9	94.0	95.1	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	4.3	77.9	86.7	89.6	93.0	94.1	95.2	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1500	4.3	78.0	86.8	89.9	93.6	94.8	96.0	96.3	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	4.3	78.2	87.1	90.3	94.1	95.3	96.8	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000	4.3	78.6	87.4	90.8	94.6	95.9	97.7	98.1	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	4.3	78.6	87.4	90.8	94.7	96.0	97.9	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	4.3	78.6	87.4	90.8	94.7	96.0	97.9	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	4.3	78.7	87.6	91.0	95.0	96.4	98.4	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	4.3	78.7	87.6	91.0	95.0	96.4	98.6	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	4.3	78.7	87.6	91.0	95.2	96.8	98.9	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	4.3	78.7	87.6	91.0	95.2	96.8	98.9	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	4.3	78.7	87.6	91.0	95.2	96.9	99.0	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	4.3	78.7	87.6	91.0	95.2	96.9	99.0	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	4.3	78.7	87.6	91.0	95.2	96.9	99.0	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	4.3	78.7	87.6	91.0	95.2	96.9	99.0	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	3.3	54.0	56.8	57.8	59.4	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 20000	3.7	59.4	63.6	65.6	67.4	67.8	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 18000	3.7	59.8	63.9	65.9	67.8	68.1	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 16000	3.7	59.8	63.9	65.9	67.8	68.1	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 14000	3.7	60.3	64.4	66.4	68.3	68.7	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 12000	3.9	61.9	66.1	68.1	70.1	70.4	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 10000	3.9	67.9	72.2	74.4	77.2	77.6	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 9000	3.9	68.3	72.7	74.9	77.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 8000	4.0	69.9	74.3	76.6	79.3	79.7	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 7000	4.0	70.4	74.9	77.1	79.9	80.2	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 6000	4.0	71.4	75.9	78.1	81.0	81.3	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 5000	4.1	73.9	78.8	81.2	84.1	84.4	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4500	4.2	74.1	79.2	81.8	84.7	85.0	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4000	4.2	76.4	82.2	85.1	88.2	88.6	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3500	4.2	76.9	82.7	85.8	89.0	89.3	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3000	4.2	78.2	84.6	88.0	91.3	91.8	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2500	4.2	79.0	85.3	88.8	92.1	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000	4.4	80.3	86.7	90.1	93.4	94.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1800	4.4	80.3	86.8	90.2	93.6	94.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500	4.4	80.7	87.2	90.9	94.3	95.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200	4.4	80.9	87.4	91.2	94.7	95.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1000	4.4	81.1	87.9	91.7	95.1	95.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 900	4.4	81.2	88.0	91.8	95.2	96.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	4.4	81.4	88.2	92.0	95.4	96.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	4.4	81.6	88.6	92.3	95.9	96.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	4.4	81.8	88.8	92.7	96.3	97.2	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	4.4	81.8	88.8	92.7	96.6	97.4	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	4.4	81.8	88.8	92.7	96.8	97.8	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	4.4	81.8	88.8	92.7	96.8	97.8	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	4.4	81.8	88.8	92.7	96.8	97.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	4.4	81.8	88.8	92.7	96.8	97.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	4.4	81.8	88.8	92.7	96.8	97.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	3.8	46.4	50.2	51.8	53.5	53.9	54.3	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 20000	3.9	52.7	57.5	59.5	61.4	61.8	62.4	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 18000	3.9	53.0	57.8	59.8	61.8	62.2	62.7	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.2
≥ 16000	3.9	53.1	57.9	59.9	61.8	62.3	62.8	63.1	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 14000	3.9	54.1	58.9	61.0	62.9	63.3	63.8	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 12000	4.0	55.5	60.4	62.6	64.6	65.1	65.6	65.9	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 10000	4.0	60.1	65.4	67.9	70.2	70.7	71.3	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.9	71.9
≥ 9000	4.1	60.5	65.9	68.4	70.8	71.3	71.9	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5
≥ 8000	4.1	63.3	69.0	71.7	74.1	74.6	75.3	75.7	75.7	75.8	75.9	75.9	75.9	75.9	75.9	76.0	76.0
≥ 7000	4.2	64.0	69.7	72.5	74.9	75.4	76.2	76.5	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 6000	4.2	64.8	70.5	73.3	75.8	76.3	77.1	77.4	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.8	77.8
≥ 5000	4.3	66.4	72.4	75.3	77.8	78.3	79.1	79.5	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4500	4.3	67.0	73.1	76.0	78.6	79.2	80.0	80.4	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4000	4.4	69.9	76.4	79.6	82.5	83.1	84.1	84.5	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.9	84.9
≥ 3500	4.4	70.5	77.2	80.5	83.5	84.2	85.2	85.7	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3000	4.4	72.5	79.3	82.8	86.1	86.8	87.9	88.4	88.4	88.6	88.7	88.7	88.7	88.7	88.7	88.8	88.8
≥ 2500	4.4	73.0	79.9	83.5	86.9	87.6	88.7	89.2	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.6	89.6
≥ 2000	4.4	74.0	81.2	85.0	88.5	89.4	90.6	91.1	91.2	91.3	91.4	91.4	91.5	91.5	91.5	91.6	91.6
≥ 1800	4.4	74.2	81.5	85.3	88.8	89.7	90.8	91.4	91.4	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8
≥ 1500	4.5	74.8	82.2	86.1	89.8	90.7	91.9	92.4	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.9	92.9
≥ 1200	4.5	75.5	83.1	87.2	91.0	92.0	93.3	93.9	94.0	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.4
≥ 1000	4.5	76.0	83.8	88.1	92.2	93.3	94.7	95.3	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.8	95.8
≥ 900	4.5	76.1	83.9	88.3	92.4	93.5	95.0	95.7	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.2	96.2
≥ 800	4.5	76.1	84.1	88.5	92.8	94.0	95.5	96.3	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.8	96.8
≥ 700	4.5	76.3	84.3	88.7	93.2	94.4	96.1	96.8	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.4	97.4
≥ 600	4.5	76.3	84.3	88.8	93.3	94.7	96.4	97.2	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.8	97.8
≥ 500	4.5	76.4	84.5	89.1	93.7	95.1	97.0	97.9	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5
≥ 400	4.5	76.4	84.6	89.2	93.9	95.4	97.4	98.5	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.1	99.1
≥ 300	4.5	76.4	84.6	89.2	93.9	95.4	97.6	98.6	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 200	4.5	76.4	84.6	89.2	93.9	95.4	97.6	98.7	98.9	99.2	99.4	99.4	99.4	99.4	99.5	99.6	99.6
≥ 100	4.5	76.4	84.6	89.2	93.9	95.4	97.6	98.7	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.8
≥ 0	4.5	76.4	84.6	89.2	93.9	95.4	97.6	98.7	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM 0-14-5 (OL A) JUL 66 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	3.1	44.9	50.9	55.4	57.3	58.4	59.2	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.8
≥ 20000	3.3	49.8	56.3	62.2	64.6	65.8	66.9	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4
≥ 18000	3.3	49.9	56.5	62.3	64.7	65.9	67.0	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.5
≥ 16000	3.3	50.0	56.6	62.4	64.8	66.0	67.1	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.6
≥ 14000	3.3	51.3	57.8	63.7	66.5	67.6	68.8	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.4
≥ 12000	3.3	51.9	58.8	64.6	67.4	68.6	69.8	70.0	70.1	70.3	70.3	70.3	70.3	70.3	70.4	70.4
≥ 10000	3.3	56.1	64.4	70.8	74.1	75.4	76.9	77.1	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.5
≥ 9000	3.3	56.5	64.8	71.2	74.6	75.9	77.5	77.7	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.2
≥ 8000	3.3	58.8	67.3	73.9	77.5	78.8	80.4	80.6	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.1
≥ 7000	3.3	59.4	67.8	74.5	78.2	79.5	81.2	81.4	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.8
≥ 6000	3.3	59.8	68.4	75.2	78.8	80.1	81.9	82.2	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.6
≥ 5000	3.3	61.3	70.0	77.4	81.2	82.5	84.5	84.7	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.2
≥ 4500	3.3	61.8	70.5	78.1	81.9	83.3	85.4	85.6	85.7	85.9	85.9	85.9	85.9	85.9	85.9	86.0
≥ 4000	3.3	63.5	72.5	80.4	84.3	86.0	88.1	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.7
≥ 3500	3.3	64.4	73.4	81.4	85.3	87.0	89.0	89.2	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.7
≥ 3000	3.3	65.1	75.1	83.3	87.2	89.0	91.2	91.4	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.9
≥ 2500	3.3	65.6	75.6	84.2	88.3	90.1	92.3	92.5	92.7	92.9	92.9	92.9	92.9	92.9	92.9	93.0
≥ 2000	3.3	65.7	75.8	85.2	89.7	91.5	93.8	94.0	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.7
≥ 1800	3.3	65.7	75.8	85.2	89.7	91.5	93.8	94.0	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.7
≥ 1500	3.3	66.0	76.1	86.0	90.5	92.4	94.7	94.9	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.7
≥ 1200	3.3	66.3	76.5	86.3	90.9	92.7	95.1	95.5	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.2
≥ 1000	3.3	66.6	76.7	86.6	91.2	93.0	95.5	95.9	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.7
≥ 900	3.3	66.6	76.7	86.6	91.2	93.0	95.5	95.9	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.7
≥ 800	3.3	66.6	76.7	86.6	91.2	93.0	95.7	96.1	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.9
≥ 700	3.3	66.6	76.7	86.6	91.3	93.2	95.9	96.3	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.1
≥ 600	3.3	66.7	76.8	86.7	91.5	93.4	96.1	96.6	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.3
≥ 500	3.3	66.9	77.0	86.9	91.9	93.9	96.7	97.2	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.1
≥ 400	3.3	67.0	77.2	87.1	92.4	94.4	97.3	98.0	98.5	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 300	3.3	67.0	77.2	87.1	92.4	94.4	97.4	98.2	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.2
≥ 200	3.3	67.0	77.2	87.1	92.4	94.4	97.4	98.2	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.7
≥ 100	3.3	67.0	77.2	87.1	92.4	94.4	97.4	98.3	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.9
≥ 0	3.3	67.0	77.2	87.1	92.4	94.4	97.4	98.3	98.9	99.5	99.5	99.5	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 93

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	2.7	35.8	41.1	44.8	48.9	50.0	51.9	53.0	53.2	53.7	53.7	53.7	53.7	53.7	53.8	53.8
≥ 20000	2.2	39.8	46.2	50.9	56.0	57.2	59.2	60.5	60.8	61.4	61.4	61.4	61.4	61.4	61.5	61.5
≥ 18000	2.2	40.1	46.6	51.2	56.3	57.5	59.6	60.9	61.1	61.7	61.7	61.7	61.7	61.7	61.8	61.8
≥ 16000	2.2	40.1	46.6	51.2	56.3	57.5	59.6	60.9	61.1	61.7	61.7	61.7	61.7	61.7	61.8	61.8
≥ 14000	2.2	40.8	47.4	52.4	57.6	58.8	61.0	62.3	62.5	63.1	63.1	63.1	63.1	63.1	63.2	63.2
≥ 12000	2.2	41.5	48.3	53.2	58.6	59.8	61.9	63.2	63.4	64.1	64.1	64.1	64.1	64.1	64.2	64.2
≥ 10000	2.2	44.4	53.2	59.0	64.9	66.3	68.9	70.5	70.8	71.5	71.6	71.6	71.6	71.6	71.7	71.7
≥ 9000	2.2	44.8	53.8	59.6	65.5	66.9	69.6	71.3	71.5	72.3	72.4	72.4	72.4	72.4	72.5	72.5
≥ 8000	2.2	47.1	56.5	62.6	68.8	70.3	73.1	75.1	75.3	76.1	76.2	76.2	76.2	76.2	76.3	76.3
≥ 7000	2.3	48.5	58.2	64.4	70.6	72.3	75.4	77.3	77.5	78.4	78.5	78.5	78.5	78.5	78.6	78.6
≥ 6000	2.3	49.0	58.8	65.2	71.6	73.2	76.5	78.4	78.6	79.5	79.6	79.6	79.6	79.6	79.7	79.7
≥ 5000	2.4	50.2	60.1	66.9	73.5	75.2	78.5	80.5	80.8	81.6	81.7	81.7	81.7	81.7	81.8	81.8
≥ 4500	2.4	51.0	60.9	67.7	74.5	76.1	79.6	81.6	81.8	82.7	82.8	82.8	82.8	82.8	82.9	82.9
≥ 4000	2.4	52.3	62.4	69.6	76.3	78.1	81.7	83.8	84.0	84.8	84.9	84.9	84.9	85.1	85.1	85.2
≥ 3500	2.4	53.1	63.2	70.4	77.2	78.9	82.6	84.6	84.8	85.7	85.8	85.8	85.9	85.9	86.0	86.0
≥ 3000	2.4	53.5	63.7	71.3	78.2	79.9	83.7	85.7	85.9	86.8	86.9	86.9	87.0	87.0	87.1	87.1
≥ 2500	2.4	54.0	64.2	71.8	78.7	80.4	84.2	86.2	86.5	87.3	87.4	87.4	87.4	87.5	87.5	87.6
≥ 2000	2.4	54.1	64.5	72.7	79.7	81.4	85.3	87.4	87.7	88.6	88.7	88.7	88.8	88.8	88.9	88.9
≥ 1800	2.4	54.1	64.5	72.7	79.8	81.5	85.4	87.5	87.8	88.7	88.8	88.8	88.9	88.9	89.0	89.0
≥ 1500	2.4	54.3	64.8	73.4	80.8	82.7	86.9	89.0	89.4	90.2	90.3	90.3	90.4	90.4	90.5	90.5
≥ 1200	2.4	54.9	65.7	74.3	81.7	83.8	88.2	90.4	90.8	91.6	91.7	91.7	91.8	91.8	91.9	91.9
≥ 1000	2.4	55.6	66.3	74.9	82.5	84.9	89.5	91.7	92.0	92.9	93.0	93.0	93.1	93.1	93.2	93.2
≥ 900	2.4	55.6	66.5	75.1	82.7	85.2	89.7	91.9	92.3	93.1	93.2	93.2	93.3	93.3	93.4	93.4
≥ 800	2.4	55.7	66.7	75.3	82.9	85.5	90.2	92.6	92.9	93.8	93.9	93.9	94.0	94.0	94.1	94.1
≥ 700	2.4	55.7	66.7	75.3	83.0	85.6	90.3	92.8	93.1	94.0	94.1	94.1	94.2	94.2	94.3	94.3
≥ 600	2.4	55.7	66.8	75.6	83.3	85.9	90.9	93.4	93.8	94.6	94.7	94.7	94.8	94.8	94.9	94.9
≥ 500	2.4	55.7	66.9	75.8	83.7	86.3	91.5	94.4	94.7	95.6	95.7	95.7	95.8	95.8	95.9	95.9
≥ 400	2.4	55.7	66.9	75.8	83.7	86.3	91.9	95.3	95.6	96.5	96.6	96.6	96.7	96.7	96.8	96.8
≥ 300	2.4	55.7	66.9	75.9	83.9	86.6	92.2	95.7	96.2	97.2	97.4	97.5	97.6	97.6	97.7	97.7
≥ 200	2.4	55.7	66.9	75.9	83.9	86.6	92.2	95.9	96.5	97.5	98.1	98.2	98.5	98.5	98.6	98.6
≥ 100	2.4	55.7	66.9	75.9	83.9	86.6	92.2	96.2	96.8	98.0	98.5	98.7	99.0	99.0	99.5	99.7
≥ 0	2.4	55.7	66.9	75.9	83.9	86.6	92.2	96.2	96.8	98.0	98.5	98.7	99.0	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	3.1	31.7	37.2	41.1	46.0	48.1	51.0	52.2	52.5	52.7	52.9	52.9	53.0	53.0	53.0	53.1
≥ 20000	3.1	34.1	41.2	45.9	51.5	53.7	57.7	59.2	59.6	59.9	60.1	60.1	60.2	60.3	60.3	60.4
≥ 18000	3.1	34.1	41.2	45.9	51.5	53.7	57.7	59.2	59.6	59.9	60.1	60.1	60.2	60.3	60.3	60.4
≥ 16000	3.1	34.1	41.2	45.9	51.5	53.8	57.8	59.4	59.7	60.0	60.2	60.2	60.3	60.4	60.4	60.5
≥ 14000	3.1	35.4	42.9	47.7	53.5	56.0	60.1	61.7	62.0	62.4	62.6	62.6	62.7	62.8	62.8	62.9
≥ 12000	3.1	36.7	44.3	49.4	55.5	58.0	62.2	63.9	64.2	64.5	64.7	64.7	64.8	64.9	64.9	65.1
≥ 10000	3.1	40.3	49.2	54.4	60.6	63.4	68.2	69.9	70.2	70.5	70.8	70.8	70.9	71.0	71.1	71.2
≥ 9000	3.1	41.0	49.9	55.1	61.3	64.1	68.9	70.8	71.1	71.4	71.6	71.6	71.7	71.8	71.9	72.0
≥ 8000	3.1	42.9	52.2	58.3	64.9	68.0	73.7	75.7	76.0	76.3	76.6	76.6	76.7	76.8	76.9	77.0
≥ 7000	3.1	43.8	53.2	59.4	66.0	69.1	75.1	77.1	77.6	78.0	78.2	78.2	78.4	78.5	78.6	78.7
≥ 6000	3.1	44.2	53.8	59.9	66.6	69.7	75.6	77.6	78.2	78.5	78.7	78.7	78.9	79.0	79.1	79.2
≥ 5000	3.2	45.4	55.3	61.5	68.4	72.0	78.4	80.6	81.2	81.5	81.7	81.7	81.9	82.0	82.2	82.3
≥ 4500	3.2	45.6	55.5	61.8	68.7	72.4	78.7	81.0	81.5	81.8	82.0	82.0	82.3	82.4	82.5	82.6
≥ 4000	3.2	46.1	56.0	62.5	69.7	73.3	79.8	82.2	82.9	83.2	83.4	83.4	83.7	83.8	83.9	84.0
≥ 3500	3.2	46.7	56.7	63.2	70.4	74.1	80.5	82.9	83.7	84.0	84.2	84.2	84.4	84.5	84.6	84.7
≥ 3000	3.2	46.9	56.9	63.8	71.4	75.1	81.6	84.1	84.8	85.2	85.4	85.4	85.6	85.7	85.8	85.9
≥ 2500	3.2	46.9	56.9	64.0	71.9	75.6	82.4	84.8	85.6	85.9	86.1	86.1	86.3	86.5	86.6	86.7
≥ 2000	3.2	47.0	57.1	64.2	72.3	76.1	83.2	85.9	86.7	87.1	87.3	87.3	87.5	87.6	87.7	87.8
≥ 1800	3.2	47.0	57.1	64.2	72.3	76.1	83.2	85.9	86.7	87.1	87.3	87.3	87.5	87.6	87.7	87.8
≥ 1500	3.2	47.2	57.3	64.4	72.7	76.6	83.9	86.6	87.3	87.7	88.0	88.0	88.2	88.3	88.4	88.5
≥ 1200	3.2	47.5	58.0	65.3	73.7	77.5	84.9	87.6	88.4	88.8	89.0	89.0	89.2	89.4	89.5	89.6
≥ 1000	3.2	48.0	58.5	66.3	74.9	78.8	86.3	89.0	89.8	90.2	90.4	90.4	90.6	90.8	90.9	91.0
≥ 900	3.2	48.1	58.6	66.6	75.4	79.4	87.1	89.8	90.5	91.0	91.2	91.2	91.4	91.5	91.6	91.7
≥ 800	3.2	48.5	59.0	67.3	76.2	80.5	88.6	91.3	92.0	92.5	92.7	92.7	92.9	93.0	93.1	93.2
≥ 700	3.2	48.7	59.2	67.5	76.6	81.1	89.4	92.2	92.9	93.4	93.8	93.8	94.0	94.1	94.2	94.3
≥ 600	3.2	48.7	59.4	67.7	77.0	81.5	90.0	92.8	93.5	94.2	94.5	94.5	94.7	94.8	94.9	95.1
≥ 500	3.2	48.7	59.5	68.0	77.6	82.6	91.6	94.5	95.3	95.9	96.2	96.2	96.5	96.6	96.7	96.8
≥ 400	3.2	48.7	59.5	68.0	77.6	82.6	91.8	95.3	96.0	97.0	97.3	97.3	97.5	97.6	97.7	97.8
≥ 300	3.2	48.7	59.5	68.0	77.6	82.6	92.2	95.8	96.7	97.8	98.2	98.2	98.4	98.5	98.6	98.8
≥ 200	3.2	48.7	59.5	68.0	77.6	82.6	92.2	95.9	96.8	98.1	98.4	98.4	98.6	98.7	98.9	99.4
≥ 100	3.2	48.7	59.5	68.0	77.6	82.6	92.2	95.9	96.8	98.1	98.4	98.4	98.6	98.9	99.2	100.0
≥ 0	3.2	48.7	59.5	68.0	77.6	82.6	92.2	95.9	96.8	98.1	98.4	98.4	98.6	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

69-70, 73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.1	43.3	48.9	53.5	55.9	56.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 20000	5.2	48.0	54.7	60.2	63.2	64.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 18000	5.2	48.1	54.8	60.3	63.3	64.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 16000	5.2	48.3	55.2	60.6	63.7	64.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 14000	5.2	48.8	55.7	61.2	64.2	65.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 12000	5.2	50.0	57.4	63.1	66.3	67.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 10000	5.2	51.9	60.5	66.9	70.5	72.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 9000	5.2	52.3	60.9	67.2	70.9	72.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 8000	5.2	53.8	62.8	69.7	73.8	75.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 7000	5.2	54.2	63.4	70.3	74.6	76.6	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 6000	5.3	54.6	64.0	70.9	75.2	77.2	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 5000	5.3	55.8	65.2	72.3	76.8	78.8	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 4500	5.3	55.9	65.3	72.4	76.9	78.9	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 4000	5.3	57.1	66.7	74.2	78.7	80.8	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3500	5.3	57.4	67.0	74.6	79.2	81.3	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3000	5.3	58.5	68.5	77.1	82.4	84.5	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2500	5.3	59.1	69.5	78.1	83.3	85.5	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2000	5.3	59.8	70.3	79.2	84.6	86.9	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1800	5.3	61.0	70.5	79.5	84.9	87.2	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1500	5.3	61.2	71.1	80.3	86.1	88.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1200	5.3	61.0	71.8	81.1	87.5	89.9	92.4	92.8	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1000	5.3	61.5	72.7	82.4	89.6	92.3	94.9	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900	5.3	61.6	72.8	82.7	90.1	92.9	95.9	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	5.3	61.9	73.1	83.2	91.1	93.9	97.0	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	5.3	61.9	73.2	83.4	91.5	94.4	97.7	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	5.3	62.2	73.4	83.8	92.0	94.9	98.3	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	5.3	62.2	73.4	83.9	92.2	95.4	98.7	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	5.3	62.2	73.4	83.9	92.2	95.4	98.9	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	5.3	62.2	73.4	83.9	92.2	95.4	98.9	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	5.3	62.2	73.4	83.9	92.2	95.4	98.9	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	5.3	62.2	73.4	83.9	92.2	95.4	98.9	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	5.3	62.2	73.4	83.9	92.2	95.4	98.9	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1175

ANDREWS AFB MD

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.2	42.7	45.9	48.1	50.6	51.5	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 20000	5.2	49.2	53.5	56.5	59.6	60.9	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 18000	5.4	49.6	53.9	56.8	59.9	61.2	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 16000	5.4	49.7	54.1	56.9	60.0	61.3	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 14000	5.4	51.8	55.1	58.1	61.2	62.6	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 12000	5.4	52.3	56.7	59.7	62.9	64.3	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 10000	5.4	55.3	60.0	63.4	66.9	68.3	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 9000	5.4	55.8	60.6	64.1	67.6	69.0	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 8000	5.4	57.8	63.8	67.5	71.5	73.0	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 7000	5.4	58.0	63.9	67.6	71.7	73.2	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 6000	5.4	58.1	64.1	68.1	72.2	73.7	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 5000	5.4	59.0	65.1	69.2	73.5	75.1	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4500	5.4	59.5	65.6	70.4	74.7	76.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4000	5.4	62.5	69.4	74.9	79.9	81.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3500	5.4	63.7	71.6	76.3	81.4	83.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3000	5.4	66.8	75.8	82.7	88.4	90.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2500	5.4	67.3	76.9	83.9	89.8	91.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	5.4	68.1	78.1	85.2	91.4	93.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1800	5.4	68.1	78.1	85.3	91.5	93.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1500	5.4	69.0	79.1	86.8	93.1	95.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	5.4	69.4	79.7	87.4	94.0	96.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	5.4	69.6	79.9	87.6	94.4	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	5.4	69.6	79.9	87.6	94.4	96.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	5.4	69.6	80.0	87.7	94.5	97.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	5.4	69.6	81.0	87.8	94.7	97.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	5.4	69.6	81.0	87.8	94.7	97.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	5.4	69.6	81.0	87.8	94.8	97.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	5.4	69.6	81.0	87.8	94.8	97.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	5.4	69.6	80.0	87.8	94.8	97.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	5.4	69.6	80.0	87.8	94.8	97.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	5.4	69.6	80.0	87.8	94.8	97.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	5.4	69.6	80.0	87.8	94.8	97.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1775

ANDREWS AFB MD

69-70, 73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	4.3	42.7	46.3	49.5	51.4	52.4	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 20000	5.3	49.4	54.2	58.6	61.2	62.5	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 18000	5.3	49.6	54.4	58.8	61.4	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 16000	5.3	49.7	54.5	58.9	61.5	62.8	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 14000	5.3	50.2	55.1	59.6	62.4	63.7	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 12000	5.3	52.2	57.3	61.8	64.6	65.9	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 10000	5.3	54.8	60.9	65.9	69.1	70.6	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 9000	5.3	55.4	61.5	66.7	69.9	71.4	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 8000	5.3	57.4	64.5	69.7	73.4	74.9	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 7000	5.3	57.6	64.7	69.9	73.8	75.3	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 6000	5.3	57.8	64.9	70.1	74.2	75.7	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 5000	5.3	59.0	66.3	71.7	76.0	77.5	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4500	5.3	59.9	67.2	72.6	77.2	78.7	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 4000	5.6	63.5	71.3	77.2	82.2	83.7	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3500	5.6	64.8	72.9	79.0	84.3	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3000	5.6	67.4	76.1	83.2	89.0	90.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2500	5.6	67.7	76.6	84.2	90.3	92.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2000	5.6	68.3	77.4	84.8	91.6	93.3	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1800	5.6	68.4	77.5	84.9	91.8	93.5	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	5.6	68.8	78.0	85.4	92.3	94.3	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	5.6	69.4	79.0	86.5	93.3	95.4	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	5.6	69.6	79.2	86.7	93.5	95.6	97.5	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	5.6	69.9	79.6	87.0	93.9	95.9	97.8	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	5.6	69.9	79.6	87.0	94.1	96.1	98.2	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	5.6	69.9	79.6	87.0	94.1	96.1	98.2	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	5.6	69.9	79.6	87.0	94.1	96.1	98.2	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	5.6	69.9	79.6	87.0	94.2	96.2	98.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	5.6	69.9	79.6	87.0	94.2	96.2	98.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	5.6	69.9	79.6	87.0	94.2	96.2	98.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	5.6	69.9	79.6	87.0	94.2	96.2	98.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	5.6	69.9	79.6	87.0	94.2	96.2	98.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	5.6	69.9	79.6	87.0	94.2	96.2	98.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1775

ANDREWS AFB MD

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	4.1	41.1	45.1	48.7	50.6	51.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 20000	4.6	48.5	54.6	59.4	62.3	63.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 18000	4.6	48.7	54.8	59.7	62.6	63.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 16000	4.6	49.0	55.2	60.0	62.9	63.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 14000	4.6	49.2	55.6	60.4	63.4	64.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 12000	4.6	51.3	58.4	63.2	66.2	67.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 10000	4.6	54.9	62.8	68.3	71.6	73.0	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 9000	4.6	55.6	63.7	69.1	72.5	73.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 8000	4.6	58.2	66.7	72.4	76.5	78.1	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 7000	4.6	58.4	67.0	72.7	76.8	78.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 6000	4.6	59.9	67.5	73.3	77.4	79.0	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 5000	4.6	59.8	68.8	74.7	79.1	81.0	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4500	4.6	60.1	69.5	75.6	80.1	82.0	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4000	4.6	62.2	72.5	79.1	84.4	86.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3500	4.6	62.9	73.3	80.2	85.5	87.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3000	4.8	64.0	75.1	82.8	88.8	91.2	93.3	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2500	4.8	64.1	75.4	83.3	89.8	92.4	94.6	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2000	4.8	64.4	75.7	83.8	90.4	93.1	95.7	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800	4.8	64.4	76.0	84.1	90.8	93.4	96.0	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	4.8	64.5	76.2	84.4	91.1	94.0	96.9	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1200	4.8	64.9	76.9	85.1	91.7	94.6	97.5	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	4.8	64.9	76.9	85.2	91.9	94.8	98.0	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	4.8	65.1	77.0	85.3	92.0	94.9	98.1	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	4.8	65.1	77.0	85.3	92.0	94.9	98.2	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	4.8	65.1	77.0	85.3	92.0	94.9	98.2	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	4.8	65.1	77.0	85.3	92.0	94.9	98.3	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	4.8	65.1	77.1	85.4	92.2	95.1	98.4	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	4.8	65.2	77.2	85.6	92.4	95.3	98.6	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	4.8	65.2	77.2	85.6	92.4	95.3	98.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	4.8	65.2	77.2	85.6	92.4	95.3	98.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	4.8	65.2	77.2	85.6	92.4	95.3	98.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	4.8	65.2	77.2	85.6	92.4	95.3	98.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1275

ANDREWS AFB MD

69-70, 73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	3.8	44.1	50.3	54.1	55.8	56.8	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 20000	3.8	48.7	55.8	61.7	64.2	65.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 18000	3.8	48.8	55.9	61.8	64.3	65.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 16000	3.8	49.1	56.1	62.0	64.5	65.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 14000	3.8	49.2	56.5	62.4	64.8	65.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 12000	3.8	50.9	58.8	64.7	67.2	68.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 10000	3.8	55.4	64.4	71.3	74.6	75.8	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 9000	3.8	55.9	65.2	72.0	75.4	76.6	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 8000	3.8	57.4	67.1	74.2	77.8	79.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 7000	3.8	57.8	67.5	74.6	78.3	79.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 6000	3.8	59.2	69.0	76.3	80.2	81.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 5000	3.8	61.1	70.9	78.7	82.9	84.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 4500	3.8	61.7	71.6	79.9	84.1	85.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4000	3.8	63.0	74.3	83.4	88.0	89.1	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3500	3.8	63.4	74.8	84.3	88.9	90.1	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3000	3.8	63.8	75.5	85.5	90.8	91.9	94.6	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2500	3.8	64.1	75.9	86.1	91.5	92.7	95.4	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2000	3.8	65.2	77.1	87.4	92.9	94.1	96.8	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1800	3.8	65.2	77.1	87.4	92.9	94.1	96.8	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1500	3.8	65.2	77.1	87.4	92.9	94.1	96.8	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	3.8	65.5	77.4	88.0	93.5	94.7	97.4	97.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	3.8	65.6	77.5	88.3	94.0	95.3	98.2	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	3.8	65.6	77.5	88.3	94.0	95.3	98.2	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	3.8	65.6	77.5	88.3	94.0	95.3	98.2	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	3.8	65.6	77.5	88.3	94.0	95.3	98.3	98.5	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	3.8	65.6	77.5	88.3	94.0	95.3	98.3	98.5	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	3.8	65.6	77.5	88.4	94.2	95.5	98.5	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	3.8	65.7	77.6	88.5	94.3	95.6	98.7	99.0	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	3.8	65.8	77.7	88.6	94.4	95.7	98.9	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	3.8	65.8	77.7	88.6	94.4	95.7	98.9	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	3.8	65.8	77.7	88.6	94.4	95.7	98.9	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	3.8	65.8	77.7	88.6	94.4	95.7	98.9	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	3.9	40.8	45.7	49.4	52.1	53.2	54.4	54.7	54.8	54.9	54.9	54.9	55.0	55.0	55.0	55.0
≥ 20000	4.1	45.9	52.1	56.9	60.3	61.6	63.1	63.5	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.8
≥ 18000	4.1	46.1	52.3	57.1	60.5	61.8	63.3	63.7	63.8	63.9	63.9	63.9	64.0	64.0	64.0	64.0
≥ 16000	4.1	46.2	52.4	57.2	60.7	61.9	63.5	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.2	64.2
≥ 14000	4.1	47.0	53.3	58.2	61.7	63.0	64.6	65.0	65.1	65.2	65.2	65.2	65.2	65.3	65.3	65.3
≥ 12000	4.1	48.3	55.0	60.0	63.6	65.0	66.5	66.9	67.0	67.2	67.2	67.2	67.2	67.2	67.3	67.3
≥ 10000	4.1	51.7	59.4	65.0	69.1	70.6	72.5	72.9	73.0	73.2	73.2	73.2	73.2	73.2	73.3	73.3
≥ 9000	4.1	52.2	60.0	65.6	69.7	71.3	73.2	73.7	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0
≥ 8000	4.1	54.2	62.6	68.5	73.0	74.7	76.8	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.7	77.7
≥ 7000	4.1	54.7	63.2	69.2	73.8	75.5	77.6	78.2	78.3	78.5	78.5	78.5	78.5	78.5	78.6	78.6
≥ 6000	4.1	55.2	63.8	69.9	74.5	76.3	78.5	79.0	79.1	79.3	79.3	79.3	79.4	79.4	79.4	79.4
≥ 5000	4.2	56.5	65.2	71.6	76.4	78.3	80.6	81.2	81.3	81.5	81.5	81.5	81.6	81.6	81.6	81.6
≥ 4500	4.2	56.9	65.8	72.3	77.3	79.1	81.5	82.1	82.2	82.4	82.4	82.4	82.5	82.5	82.5	82.5
≥ 4000	4.2	58.8	68.1	75.2	80.4	82.4	84.9	85.5	85.6	85.8	85.9	85.9	85.9	85.9	86.0	86.0
≥ 3500	4.2	59.6	69.0	76.2	81.5	83.5	86.0	86.6	86.8	86.9	87.0	87.0	87.0	87.0	87.1	87.1
≥ 3000	4.2	60.7	70.8	78.7	84.5	86.5	89.2	89.8	90.0	90.2	90.2	90.2	90.3	90.3	90.3	90.3
≥ 2500	4.2	61.1	71.4	79.4	85.5	87.5	90.3	90.9	91.1	91.3	91.3	91.3	91.4	91.4	91.4	91.4
≥ 2000	4.2	61.5	72.1	80.3	86.6	88.8	91.7	92.4	92.6	92.9	92.9	92.9	92.9	93.0	93.0	93.0
≥ 1800	4.2	61.6	72.1	80.4	86.7	88.9	91.8	92.6	92.8	93.0	93.0	93.0	93.1	93.1	93.1	93.1
≥ 1500	4.2	61.9	72.5	81.0	87.4	89.7	92.8	93.6	93.8	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 1200	4.2	62.4	73.1	81.7	88.3	90.6	93.9	94.7	94.9	95.2	95.2	95.2	95.3	95.3	95.3	95.3
≥ 1000	4.2	62.7	73.5	82.2	89.0	91.4	94.8	95.8	96.0	96.3	96.3	96.3	96.3	96.4	96.4	96.4
≥ 900	4.2	62.7	73.6	82.4	89.2	91.7	95.1	96.1	96.3	96.6	96.6	96.6	96.6	96.7	96.7	96.7
≥ 800	4.2	62.8	73.7	82.6	89.5	92.0	95.6	96.6	96.8	97.1	97.2	97.2	97.2	97.2	97.3	97.3
≥ 700	4.2	62.9	73.7	82.6	89.7	92.2	95.9	96.9	97.2	97.5	97.5	97.5	97.5	97.6	97.6	97.6
≥ 600	4.2	62.9	73.8	82.8	89.8	92.4	96.2	97.2	97.5	97.8	97.8	97.8	97.8	97.9	97.9	98.0
≥ 500	4.2	62.9	73.9	82.9	90.1	92.8	96.7	97.8	98.1	98.4	98.5	98.5	98.5	98.5	98.6	98.6
≥ 400	4.2	63.0	73.9	83.0	90.2	92.9	96.9	98.2	98.5	98.9	99.0	99.0	99.0	99.0	99.1	99.1
≥ 300	4.2	63.0	73.9	83.0	90.2	92.9	97.1	98.5	98.8	99.2	99.3	99.3	99.3	99.4	99.4	99.4
≥ 200	4.2	63.0	73.9	83.0	90.2	92.9	97.1	98.5	98.8	99.3	99.5	99.5	99.6	99.6	99.7	99.7
≥ 100	4.2	63.0	73.9	83.0	90.2	92.9	97.1	98.6	98.9	99.4	99.5	99.6	99.7	99.7	99.8	100.0
≥ 0	4.2	63.0	73.9	83.0	90.2	92.9	97.1	98.6	98.9	99.4	99.5	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17705

ANDREWS AFB MD

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	5.5	45.1	51.3	57.6	60.9	61.0	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 20000	5.5	48.5	55.9	62.6	66.1	66.3	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 18000	5.5	48.5	55.9	62.6	66.1	66.3	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 16000	5.5	48.5	55.9	62.6	66.1	66.3	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 14000	5.5	49.1	56.6	63.3	66.9	67.1	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 12000	5.5	50.9	58.6	65.5	69.4	69.6	70.6	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 10000	5.5	54.9	64.4	72.4	76.2	76.5	77.5	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 9000	5.5	55.2	64.6	72.7	76.6	76.8	77.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 8000	5.5	57.8	67.6	75.8	79.8	80.1	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 7000	5.5	58.6	68.6	76.8	80.8	81.1	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 6000	5.5	59.4	69.4	77.6	81.9	82.3	83.3	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 5000	5.5	60.3	70.5	78.8	83.5	84.1	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 4500	5.5	61.9	71.1	79.4	84.1	84.6	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 4000	5.5	62.4	73.2	81.9	87.0	87.5	88.8	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 3500	5.5	63.1	74.2	83.0	88.2	88.7	90.0	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 3000	5.5	63.5	74.7	83.5	89.0	89.6	91.9	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 2500	5.5	63.8	75.1	84.0	89.5	90.0	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 2000	5.5	63.9	75.2	84.1	89.8	90.4	91.9	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 1800	5.5	63.9	75.2	84.1	89.9	90.5	92.0	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1500	5.5	64.3	75.6	84.5	90.4	91.1	92.6	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 1200	5.5	64.9	76.5	85.4	91.3	92.0	93.5	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 1000	5.5	65.6	77.1	86.3	92.3	93.2	94.8	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 900	5.5	65.6	77.1	86.3	92.3	93.4	95.1	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 800	5.5	65.8	77.4	86.7	92.7	94.0	95.6	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 700	5.5	66.0	77.7	87.0	93.0	94.3	96.1	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 600	5.5	66.0	77.7	87.2	93.3	94.6	96.5	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 500	5.5	66.0	77.7	87.3	93.8	95.1	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 400	5.5	66.1	77.8	87.4	94.1	95.5	97.6	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0
IV 300	5.5	66.1	77.8	87.4	94.2	95.6	97.8	98.9	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 200	5.5	66.1	77.8	87.4	94.2	95.7	98.0	99.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	5.5	66.1	77.8	87.4	94.2	95.7	98.0	99.1	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	5.5	66.1	77.8	87.4	94.2	95.7	98.0	99.1	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

177 5

ANDREWS AFB MD

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 3/16	≥ ¼	≥ 0
NO CEILING	3.9	40.5	46.8	53.9	58.4	59.7	60.5	61.0	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6
≥ 20000	3.9	43.7	50.4	58.2	63.1	64.5	65.8	66.2	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9
≥ 18000	3.9	43.7	50.4	58.2	63.1	64.5	65.8	66.2	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9
≥ 16000	3.9	43.7	50.4	58.2	63.1	64.5	65.8	66.2	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9
≥ 14000	3.9	44.0	50.9	58.6	63.5	64.9	66.2	66.7	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3
≥ 12000	3.9	45.4	52.9	61.1	66.2	67.7	69.1	69.6	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2
≥ 10000	4.2	48.7	57.6	66.3	71.9	73.4	74.8	75.3	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0
≥ 9000	4.2	48.8	58.1	66.8	72.4	73.9	75.3	75.7	76.1	76.3	76.5	76.5	76.5	76.5	76.5	76.5
≥ 8000	4.5	50.6	60.2	69.2	75.1	76.7	78.3	78.7	79.1	79.4	79.5	79.5	79.5	79.5	79.5	79.5
≥ 7000	4.5	51.4	61.0	70.0	75.8	77.5	79.1	79.6	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3
≥ 6000	4.5	51.8	61.8	71.1	77.2	78.9	80.5	81.0	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7
≥ 5000	4.5	53.1	63.1	72.4	78.6	80.3	81.9	82.4	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4500	4.5	53.2	63.5	72.9	79.2	81.1	82.7	83.2	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0
≥ 4000	4.5	54.2	65.3	74.9	81.7	83.8	85.4	85.9	86.3	86.6	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3500	4.5	54.4	65.7	75.4	82.3	84.3	86.0	86.6	87.0	87.2	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3000	4.5	54.6	66.0	75.7	82.8	84.8	86.6	87.2	87.6	87.8	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2500	4.5	54.6	66.0	75.8	82.9	84.9	86.7	87.5	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2000	4.5	54.8	66.2	76.1	83.2	85.5	87.2	88.1	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1800	4.5	55.1	66.5	76.3	83.4	85.7	87.4	88.3	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1500	4.5	55.3	66.9	76.9	84.1	86.6	88.3	89.1	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1200	4.5	55.6	67.3	77.4	84.7	87.2	89.1	90.0	90.5	90.9	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1000	4.5	55.8	67.7	78.0	85.3	87.7	89.9	90.9	91.5	91.8	92.0	92.0	92.0	92.0	92.0	92.0
≥ 900	4.5	55.8	67.7	78.1	85.8	88.4	90.5	91.5	92.2	92.5	92.7	92.7	92.7	92.7	92.7	92.7
≥ 800	4.5	56.1	68.1	78.4	86.1	88.7	90.9	91.9	92.6	92.9	93.1	93.1	93.1	93.1	93.1	93.1
≥ 700	4.5	56.2	68.3	78.6	86.6	89.4	91.8	93.0	93.7	94.1	94.3	94.3	94.3	94.3	94.3	94.3
≥ 600	4.5	56.2	68.3	78.6	86.7	89.5	91.9	93.1	93.8	94.2	94.4	94.4	94.4	94.4	94.4	94.4
≥ 500	4.5	56.2	68.5	79.4	88.0	90.8	93.3	94.5	95.2	95.6	95.8	95.8	95.8	95.8	95.8	95.8
≥ 400	4.5	56.5	68.9	79.8	88.5	91.4	94.0	95.2	95.8	96.6	96.8	96.8	96.9	96.9	96.9	96.9
≥ 300	4.5	56.5	68.9	80.0	88.8	91.7	94.3	95.7	96.3	97.5	97.8	97.8	98.1	98.1	98.1	98.1
≥ 200	4.5	56.5	68.9	80.0	89.0	91.9	94.5	96.3	97.0	98.5	98.9	98.9	99.1	99.1	99.4	99.5
≥ 100	4.5	56.5	68.9	80.0	89.0	91.9	94.5	96.5	97.1	98.7	99.2	99.2	99.5	99.5	99.8	100.0
≥ 0	4.5	56.5	68.9	80.0	89.0	91.9	94.5	96.5	97.1	98.7	99.2	99.2	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70, 73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 3/16	≥ ¼	≥ 0
NO CEILING	3.3	28.4	34.1	40.9	48.1	51.9	54.2	54.4	54.4	54.6	54.8	54.9	55.1	55.1	55.1	55.1
≥ 20000	3.4	32.6	38.6	45.7	54.1	58.3	61.3	61.5	61.5	61.7	61.9	62.0	62.2	62.2	62.2	62.2
≥ 18000	3.4	32.8	38.8	45.9	54.3	58.5	61.5	61.7	61.7	61.9	62.2	62.3	62.4	62.4	62.4	62.4
≥ 16000	3.4	32.8	38.8	45.9	54.3	58.5	61.6	61.8	61.8	62.2	62.4	62.5	62.6	62.6	62.6	62.6
≥ 14000	3.4	33.3	39.5	47.1	55.9	60.1	63.2	63.4	63.4	63.8	64.0	64.1	64.2	64.2	64.2	64.2
≥ 12000	3.4	34.4	40.9	49.2	58.9	63.2	66.6	66.8	66.8	67.2	67.4	67.5	67.6	67.6	67.6	67.7
≥ 10000	3.9	38.1	45.6	55.4	65.9	70.5	74.7	75.3	75.6	76.0	76.2	76.3	76.5	76.5	76.5	76.7
≥ 9000	3.9	38.2	45.7	55.7	66.5	71.1	75.3	75.8	76.1	76.6	76.8	76.9	77.0	77.0	77.0	77.2
≥ 8000	3.9	39.4	47.3	57.4	68.3	73.1	77.8	78.5	78.8	79.2	79.5	79.6	79.7	79.7	79.7	79.9
≥ 7000	3.9	39.6	47.6	58.0	68.8	73.7	78.4	79.0	79.4	79.8	80.0	80.1	80.2	80.2	80.2	80.4
≥ 6000	3.9	40.0	48.2	58.6	69.6	74.6	79.5	80.1	80.4	80.9	81.1	81.2	81.3	81.3	81.3	81.5
≥ 5000	3.9	40.3	48.7	59.4	70.3	75.5	80.3	81.0	81.3	81.7	81.9	82.0	82.2	82.2	82.2	82.4
≥ 4500	3.9	40.5	48.9	59.6	70.5	75.7	80.5	81.2	81.5	81.9	82.2	82.3	82.4	82.4	82.4	82.6
≥ 4000	3.9	41.7	50.2	61.1	72.7	78.0	83.1	84.0	84.3	84.7	84.9	85.1	85.2	85.2	85.2	85.4
≥ 3500	3.9	42.0	50.6	61.5	73.1	78.4	83.5	84.4	84.7	85.2	85.4	85.5	85.6	85.6	85.6	85.8
≥ 3000	3.9	42.2	50.8	61.6	73.3	78.6	83.8	84.6	84.9	85.4	85.6	85.7	85.8	85.8	85.8	86.0
≥ 2500	3.9	42.2	50.8	61.7	73.4	78.7	83.9	84.7	85.1	85.5	85.7	85.8	85.9	85.9	85.9	86.1
≥ 2000	3.9	42.3	51.0	61.9	73.8	79.0	84.2	85.3	85.8	86.2	86.5	86.6	86.7	86.7	86.7	86.9
≥ 1800	3.9	42.4	51.1	62.0	73.9	79.1	84.3	85.4	86.0	86.5	86.7	86.8	86.9	86.9	86.9	87.1
≥ 1500	3.9	42.9	51.7	62.8	74.6	79.9	85.1	86.1	86.8	87.4	87.7	87.8	88.0	88.0	88.0	88.2
≥ 1200	3.9	43.1	51.9	63.1	75.3	80.6	85.8	86.9	87.5	88.2	88.5	88.6	88.7	88.7	88.7	88.9
≥ 1000	3.9	43.9	52.7	64.0	76.5	82.0	87.6	88.7	89.4	90.1	90.4	90.5	90.6	90.6	90.6	90.9
≥ 900	3.9	44.2	53.1	64.6	77.4	83.0	88.7	89.9	90.5	91.3	91.6	91.7	91.8	91.8	91.8	92.0
≥ 800	3.9	44.6	53.5	65.2	78.0	83.8	89.0	91.4	92.0	92.8	93.2	93.3	93.4	93.4	93.4	93.7
≥ 700	3.9	44.7	53.7	65.6	78.6	84.6	91.0	92.6	93.3	94.1	94.5	94.6	94.7	94.7	94.7	94.9
≥ 600	3.9	44.9	53.9	65.9	79.1	85.5	91.9	93.5	94.3	95.1	95.5	95.6	95.7	95.7	95.7	95.9
≥ 500	3.9	44.9	53.9	66.2	79.5	86.0	92.7	94.8	95.6	96.5	96.9	97.0	97.1	97.1	97.1	97.3
≥ 400	3.9	44.9	53.9	66.3	79.6	86.2	92.9	95.2	95.9	97.0	97.5	97.6	97.7	97.7	97.7	98.0
≥ 300	3.9	44.9	53.9	66.3	79.6	86.2	92.9	95.3	96.2	97.6	98.2	98.3	98.4	98.4	98.4	98.7
≥ 200	3.9	44.9	53.9	66.3	79.6	86.2	92.9	95.3	96.3	98.0	98.6	98.7	98.8	98.9	99.1	99.5
≥ 100	3.9	44.9	53.9	66.3	79.6	86.2	92.9	95.3	96.3	98.0	98.6	98.7	98.9	99.0	99.4	99.9
≥ 0	3.9	44.9	53.9	66.3	79.6	86.2	92.9	95.3	96.3	98.0	98.6	98.7	98.9	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

177.5

ANDREWS AFB MD

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	5.4	39.7	46.7	51.5	55.5	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 20000	5.6	43.7	52.2	57.6	61.9	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 18000	5.9	44.2	52.7	58.2	62.5	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 16000	5.9	44.2	52.7	58.2	62.5	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 14000	5.9	45.6	54.2	59.9	64.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 12000	5.9	47.4	56.3	62.3	66.9	67.8	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 10000	6.5	51.2	61.9	68.8	73.8	74.7	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 9000	6.5	51.6	62.4	69.2	74.2	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 8000	6.5	52.4	63.8	71.2	76.5	77.6	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 7000	6.5	52.6	64.0	71.4	76.7	77.8	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 6000	6.5	52.6	64.2	71.7	77.0	78.2	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 5000	6.5	53.1	64.8	72.6	77.8	79.0	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4500	6.5	53.3	65.1	72.8	78.1	79.2	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4000	6.5	54.5	66.7	74.9	80.5	81.7	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 3500	6.5	54.7	67.1	75.4	81.0	82.3	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 3000	6.5	56.0	68.7	77.6	83.7	84.9	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2500	6.5	56.5	69.2	78.4	84.4	86.2	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2000	6.5	57.6	70.5	80.0	86.1	88.1	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1800	6.5	57.7	70.6	80.1	86.2	88.2	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1500	6.5	58.6	71.5	81.4	87.7	89.8	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1200	6.5	59.7	72.8	83.5	90.5	92.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1000	6.5	61.4	73.7	84.9	92.4	94.8	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 900	6.5	60.4	73.7	85.2	92.7	95.3	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 800	6.5	60.6	73.9	85.6	93.3	96.0	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	6.5	60.8	74.1	85.8	93.8	96.7	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	6.5	60.8	74.1	86.0	94.0	96.9	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	6.5	60.9	74.3	86.2	94.3	97.2	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 400	6.5	60.9	74.3	86.2	94.3	97.2	99.2	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	6.5	60.9	74.3	86.2	94.3	97.2	99.2	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	6.5	60.9	74.3	86.2	94.3	97.2	99.2	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	6.5	60.9	74.3	86.2	94.3	97.2	99.2	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	6.5	60.9	74.3	86.2	94.3	97.2	99.2	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1775

ANDREWS AFB MD

69-70, 73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	5.2	41.9	46.9	49.6	51.9	51.9	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 20000	6.1	49.4	54.8	58.4	61.5	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 18000	6.1	49.4	54.8	58.4	61.5	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 16000	6.1	49.5	54.9	58.6	61.8	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 14000	6.1	50.6	56.3	60.0	63.3	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 12000	6.2	53.3	59.9	63.5	67.1	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 10000	6.6	57.7	65.3	69.4	73.1	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 9000	6.6	57.8	65.4	69.5	73.2	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 8000	6.6	59.9	67.7	72.2	76.2	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 7000	6.6	60.3	68.2	72.7	76.8	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 6000	6.8	60.9	68.8	73.4	77.5	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 5000	6.8	61.1	69.0	73.8	77.8	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4500	6.8	61.3	69.2	74.0	78.1	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 4000	6.8	64.6	72.9	78.6	83.2	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500	6.8	66.0	74.8	81.2	86.0	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3000	7.2	69.7	79.0	85.5	90.6	91.0	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2500	7.2	71.2	80.5	87.3	93.0	93.5	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2000	7.2	72.0	81.7	88.9	94.7	95.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800	7.2	72.2	81.8	89.0	94.8	95.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	7.2	72.6	82.3	89.6	95.6	96.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	7.2	72.8	82.7	90.0	96.2	97.0	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	7.2	72.8	82.9	90.2	96.6	97.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	7.2	72.8	82.9	90.2	96.6	97.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	7.2	72.8	82.9	90.2	96.6	97.5	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	7.2	72.8	83.0	90.4	96.8	97.7	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	7.2	72.8	83.0	90.4	96.8	97.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	7.2	72.8	83.0	90.4	96.8	97.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	7.2	72.8	83.0	90.4	96.8	97.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	7.2	72.8	83.0	90.4	96.8	97.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	7.2	72.8	83.0	90.4	96.8	97.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	7.2	72.8	83.0	90.4	96.8	97.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	7.2	72.8	83.0	90.4	96.8	97.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1775

ANDREWS AFB MD

69-70,73-80

AUG

STATION

STATION NAME

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MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	5.6	42.9	46.8	49.6	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
≥ 20000	5.9	50.3	55.1	58.8	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0
≥ 18000	5.9	50.4	55.2	58.9	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.2	62.2
IV 16000	5.9	50.6	55.7	59.7	62.4	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9	62.9
IV 14000	6.0	51.4	56.8	61.2	63.9	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5
IV 12000	6.3	54.7	60.6	65.1	67.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4
IV 10000	6.5	57.7	64.4	70.0	73.0	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0
IV 9000	6.5	58.2	64.9	70.5	73.5	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5
IV 8000	6.5	60.5	68.7	74.7	77.7	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9
IV 7000	6.5	61.1	69.5	75.5	78.6	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8
IV 6000	6.5	62.2	70.6	76.7	79.8	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0
IV 5000	6.6	63.4	72.0	78.1	81.2	81.9	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6
IV 4500	6.7	64.1	72.7	78.7	81.8	82.6	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2
IV 4000	6.8	67.7	77.0	83.9	87.7	88.6	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6
IV 3500	6.9	68.5	78.0	84.9	88.9	89.8	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.8	90.8
IV 3000	6.9	71.5	81.8	88.9	93.1	94.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5
IV 2500	6.9	71.5	81.8	89.4	93.7	94.5	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2
IV 2000	6.9	72.3	82.6	90.2	94.7	95.6	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.8
IV 1800	6.9	72.3	82.6	90.2	94.7	95.6	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.8
IV 1500	6.9	72.6	83.0	90.6	95.2	96.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.5
IV 1200	6.9	72.6	83.0	90.6	95.3	96.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.6
IV 1000	6.9	72.8	83.2	90.9	95.6	96.5	98.6	98.9	98.9	98.9	98.9	99.0	99.0	99.1	99.1	99.2
IV 900	6.9	72.8	83.2	90.9	95.6	96.5	98.6	98.9	98.9	98.9	98.9	99.0	99.0	99.1	99.1	99.2
IV 800	6.9	72.8	83.2	91.0	95.7	96.6	98.7	99.1	99.1	99.1	99.1	99.4	99.4	99.5	99.5	99.6
IV 700	6.9	72.8	83.2	91.0	95.7	96.6	98.7	99.1	99.1	99.1	99.1	99.4	99.4	99.5	99.5	99.6
IV 600	6.9	72.8	83.2	91.0	95.7	96.6	98.7	99.1	99.1	99.1	99.1	99.4	99.4	99.5	99.5	99.6
IV 500	6.9	72.8	83.2	91.1	95.8	96.7	98.9	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8
IV 400	6.9	72.8	83.2	91.1	95.8	96.7	99.1	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	100.0
IV 300	6.9	72.8	83.2	91.1	95.8	96.7	99.1	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	100.0
IV 200	6.9	72.8	83.2	91.1	95.8	96.7	99.1	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	100.0
IV 100	6.9	72.8	83.2	91.1	95.8	96.7	99.1	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	100.0
IV 0	6.9	72.8	83.2	91.1	95.8	96.7	99.1	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	5.5	47.2	44.8	48.8	51.1	51.2	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.6
≥ 20000	5.9	48.1	53.9	59.1	62.0	62.3	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 18000	5.8	48.3	54.1	59.4	62.3	62.5	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 16000	5.8	48.3	54.2	59.5	62.4	62.6	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 14000	6.1	57.3	56.3	61.6	64.6	64.8	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 12000	6.1	53.7	67.4	66.0	69.2	69.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 10000	6.1	58.9	66.9	73.7	77.2	77.5	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 9000	6.1	60.0	68.1	74.8	78.4	78.7	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 8000	6.2	62.4	71.5	78.4	81.9	82.5	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 7000	6.3	63.2	72.5	79.5	83.0	83.5	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 6000	6.3	64.0	73.2	80.3	83.9	84.4	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 5000	6.3	64.7	74.2	81.5	85.3	85.8	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 4500	6.3	64.8	74.4	81.8	85.6	86.1	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 4000	6.3	66.5	76.6	84.5	88.8	89.8	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 3500	6.3	67.1	77.2	85.2	89.6	90.6	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 3000	6.3	68.2	78.6	86.8	91.3	92.5	95.1	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 2500	6.3	68.8	79.6	87.7	92.8	94.0	96.8	96.9	97.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 2000	6.3	68.9	79.7	88.1	93.2	94.7	97.5	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1800	6.3	69.0	79.8	88.2	93.3	94.8	97.6	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1500	6.3	69.4	80.1	88.5	93.7	95.2	98.0	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1200	6.3	69.8	80.5	89.1	94.3	95.8	98.7	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1000	6.3	69.8	80.5	89.1	94.3	95.8	98.7	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 900	6.3	69.8	80.5	89.1	94.3	95.8	98.7	98.8	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2
IV 800	6.3	69.8	80.8	89.6	94.7	96.2	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.9	99.9
IV 700	6.3	69.8	80.8	89.6	94.7	96.2	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.9	99.9
IV 600	6.3	69.8	80.9	89.7	94.8	96.3	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0
IV 500	6.3	69.8	80.9	89.7	94.8	96.3	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0
IV 400	6.3	69.8	80.9	89.7	94.8	96.3	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0
IV 300	6.3	69.8	80.9	89.7	94.8	96.3	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0
IV 200	6.3	69.8	80.9	89.7	94.8	96.3	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0
IV 100	6.3	69.8	80.9	89.7	94.8	96.3	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0
IV 0	6.3	69.8	80.9	89.7	94.8	96.3	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70, 73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.6	44.9	51.4	55.5	57.8	58.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 20000	5.8	49.5	56.5	62.7	65.7	66.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000	5.8	49.5	56.5	62.7	65.7	66.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 16000	5.8	49.5	56.5	62.7	65.7	66.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 14000	5.9	50.3	57.3	63.5	66.6	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 12000	5.9	52.6	60.1	66.6	69.8	70.5	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 10000	6.1	58.3	66.5	73.7	77.2	78.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 9000	6.1	59.0	67.3	74.5	78.1	78.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 8000	6.1	61.5	70.4	78.0	81.7	82.5	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 7000	6.1	62.5	71.5	79.0	82.8	83.5	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 6000	6.1	62.7	71.7	79.4	83.1	83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 5000	6.1	63.5	72.9	80.9	84.8	85.6	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4500	6.1	63.9	73.2	81.2	85.2	85.9	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 4000	6.1	65.3	75.3	83.9	88.3	89.1	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3500	6.1	65.9	76.1	84.7	89.6	90.4	91.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000	6.1	67.5	78.1	87.0	91.9	92.8	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500	6.1	68.1	78.6	87.5	92.6	93.4	94.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2000	6.1	68.7	79.2	88.5	93.5	94.4	95.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800	6.1	68.9	79.5	88.7	93.8	94.6	95.6	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1500	6.1	69.2	79.9	89.1	94.2	95.2	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	6.1	69.6	80.3	89.8	94.8	95.8	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	6.1	69.7	80.4	90.0	95.1	96.0	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	6.1	69.9	80.6	90.2	95.4	96.3	97.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	6.1	70.1	81.0	90.6	96.1	97.1	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	6.1	70.2	81.1	90.8	96.2	97.4	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	6.1	70.2	81.1	90.8	96.3	97.5	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	6.1	70.3	81.2	90.9	96.7	97.8	98.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	6.1	70.3	81.2	90.9	96.7	97.8	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	6.1	70.3	81.2	90.9	96.7	97.8	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	6.1	70.3	81.2	90.9	96.7	97.8	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	6.1	70.3	81.2	90.9	96.7	97.8	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	6.1	70.3	81.2	90.9	96.7	97.8	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

127 5

ANDREWS AFB MD

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 3/16	≥ ¼	≥ 0
NO CEILING	5.0	40.5	46.0	50.9	54.4	55.2	55.9	56.0	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2
≥ 20000	5.3	45.7	52.2	57.9	62.0	63.0	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.2	64.2	64.2
≥ 18000	5.3	45.8	52.3	58.0	62.1	63.1	64.0	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3
≥ 16000	5.3	45.9	52.4	58.2	62.3	63.3	64.2	64.3	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5
≥ 14000	5.4	46.8	53.5	59.4	63.6	64.6	65.5	65.7	65.7	65.8	65.8	65.8	65.9	65.9	65.9	65.9
≥ 12000	5.4	49.0	56.2	62.4	66.9	68.0	69.0	69.2	69.2	69.3	69.3	69.3	69.4	69.4	69.4	69.4
≥ 10000	5.7	53.2	61.6	68.7	73.5	74.7	75.9	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.4	76.4
≥ 9000	5.7	53.6	62.1	69.2	74.1	75.2	76.5	76.7	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9
≥ 8000	5.7	55.6	64.7	72.1	77.2	78.4	79.8	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.3
≥ 7000	5.7	56.2	65.3	72.8	77.9	79.2	80.5	80.7	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0
≥ 6000	5.8	56.7	66.1	73.6	78.8	80.1	81.4	81.6	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9
≥ 5000	5.8	57.5	66.9	74.7	79.9	81.3	82.7	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.2
≥ 4500	5.8	57.8	67.3	75.0	80.3	81.7	83.1	83.3	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.6
≥ 4000	5.8	59.6	69.6	78.0	83.8	85.3	86.9	87.2	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5
≥ 3500	5.8	60.2	70.5	78.9	84.8	86.4	88.0	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.7
≥ 3000	5.8	61.7	72.2	80.8	87.0	88.5	90.3	90.7	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	5.9	62.1	72.7	81.5	87.8	89.4	91.3	91.7	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2000	5.9	62.6	73.3	82.2	88.6	90.4	92.3	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.2	93.2
≥ 1800	5.9	62.7	73.4	82.3	88.8	90.5	92.5	93.0	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500	5.9	63.1	73.9	82.9	89.4	91.2	93.3	93.8	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 1200	5.9	63.5	74.4	83.6	90.3	92.2	94.3	94.9	95.0	95.2	95.2	95.2	95.3	95.3	95.3	95.3
≥ 1000	5.9	63.8	74.8	84.2	91.0	92.9	95.3	95.8	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	5.9	63.9	74.9	84.3	91.3	93.3	95.6	96.2	96.4	96.5	96.6	96.6	96.7	96.7	96.7	96.7
≥ 800	5.9	64.1	75.1	84.7	91.7	93.7	96.2	96.8	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.4
≥ 700	5.9	64.2	75.2	84.8	91.9	94.1	96.6	97.3	97.5	97.7	97.8	97.8	97.9	97.9	97.9	97.9
≥ 600	5.9	64.2	75.3	84.9	92.1	94.3	96.9	97.6	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.2
≥ 500	5.9	64.2	75.3	85.1	92.4	94.7	97.4	98.1	98.3	98.5	98.7	98.7	98.7	98.7	98.8	98.8
≥ 400	5.9	64.3	75.4	85.2	92.6	94.9	97.6	98.5	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2
≥ 300	5.9	64.3	75.4	85.3	92.6	94.9	97.7	98.6	98.8	99.2	99.4	99.4	99.4	99.5	99.5	99.5
≥ 200	5.9	64.3	75.4	85.3	92.6	95.0	97.7	98.7	98.9	99.4	99.6	99.6	99.7	99.7	99.8	99.8
≥ 100	5.9	64.3	75.4	85.3	92.6	95.0	97.7	98.7	98.9	99.4	99.7	99.7	99.7	99.7	99.8	99.9
≥ 0	5.9	64.3	75.4	85.3	92.6	95.0	97.7	98.7	98.9	99.4	99.7	99.7	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1775

ANDREWS AFB MD

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	3.3	50.9	55.9	58.3	60.1	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 20000	3.3	54.0	59.2	62.0	64.0	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 18000	3.3	54.3	59.6	62.3	64.3	65.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 16000	3.3	54.4	59.7	62.4	64.4	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 14000	3.3	55.2	60.6	63.4	65.4	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 12000	3.4	57.3	62.7	65.6	67.6	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 10000	3.4	61.2	66.9	70.3	72.4	73.1	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 9000	3.6	61.6	67.2	70.7	72.8	73.4	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 8000	3.6	63.9	69.7	73.3	75.7	76.4	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 7000	3.6	65.6	71.4	75.1	77.6	78.3	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 6000	3.7	66.6	72.4	76.1	78.6	79.3	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 5000	3.7	67.7	74.0	77.8	80.2	81.0	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4500	3.7	67.8	74.3	78.1	80.6	81.3	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4000	3.7	69.3	76.1	80.3	82.9	83.9	84.6	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 3500	3.7	69.6	76.4	80.9	83.7	84.7	85.3	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3000	3.7	70.6	77.7	82.1	85.0	86.0	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2500	3.7	71.3	78.4	82.9	85.9	86.9	87.8	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2000	3.7	72.6	80.1	84.6	87.7	88.7	89.6	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1800	3.7	72.9	80.4	84.9	88.0	89.0	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1500	3.7	73.6	81.2	85.7	88.8	90.0	90.9	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1200	3.7	74.1	82.0	86.4	89.7	90.9	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1000	3.7	74.3	82.4	87.1	90.4	91.7	92.8	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 900	3.7	74.6	82.9	87.6	90.9	92.1	93.2	93.6	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 800	3.7	74.7	83.1	87.9	91.9	93.2	94.3	94.7	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 700	3.7	74.7	83.3	88.2	92.3	93.7	94.8	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 600	3.7	74.8	83.4	88.6	92.8	94.1	95.3	95.8	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 500	3.7	74.8	83.6	88.8	93.1	94.8	96.2	96.7	96.8	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400	3.7	74.8	83.6	88.9	93.3	95.0	96.6	97.2	97.3	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 300	3.7	74.9	83.7	89.0	93.7	95.3	97.0	97.8	97.9	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 200	3.7	74.9	83.7	89.0	93.7	95.3	97.1	98.1	98.3	98.9	99.0	99.0	99.1	99.1	99.1	99.1
≥ 100	3.7	74.9	83.7	89.0	93.7	95.3	97.1	98.1	98.3	98.9	99.0	99.0	99.1	99.2	99.4	99.8
≥ 0	3.7	74.9	83.7	89.0	93.7	95.3	97.1	98.1	98.3	98.9	99.0	99.0	99.1	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-3 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70, 73-81

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	3.2	44.0	48.4	53.1	54.6	55.6	55.8	56.7	56.9	57.0	57.0	57.0	57.0	57.0	57.1	57.2
≥ 20000	3.3	46.6	51.3	55.9	57.8	58.8	59.1	60.0	60.2	60.3	60.3	60.3	60.3	60.3	60.4	60.6
≥ 18000	3.3	46.8	51.2	56.1	58.0	59.0	59.3	60.2	60.4	60.6	60.6	60.6	60.6	60.6	60.7	60.8
≥ 16000	3.3	46.9	51.3	56.2	58.1	59.1	59.4	60.3	60.6	60.7	60.7	60.7	60.7	60.7	60.8	60.9
≥ 14000	3.3	46.9	51.4	56.4	58.3	59.3	59.7	60.6	60.8	60.9	60.9	60.9	60.9	60.9	61.0	61.1
≥ 12000	3.3	43.3	52.9	58.0	59.9	60.9	61.2	62.1	62.3	62.4	62.4	62.4	62.4	62.4	62.6	62.7
≥ 10000	3.6	52.9	58.2	63.4	65.4	66.6	66.9	67.9	68.1	68.2	68.2	68.2	68.2	68.2	68.3	68.4
≥ 9000	3.6	53.2	58.6	63.9	66.0	67.1	67.4	68.4	68.7	68.8	68.8	68.8	68.8	68.8	68.9	69.0
≥ 8000	3.6	55.0	60.8	66.3	69.0	70.1	70.4	71.4	71.7	71.9	71.9	71.9	71.9	71.9	72.0	72.1
≥ 7000	3.6	56.3	62.2	67.8	70.4	71.6	71.9	72.9	73.1	73.3	73.3	73.3	73.3	73.3	73.4	73.6
≥ 6000	3.6	57.3	63.2	68.8	71.4	72.6	72.9	73.9	74.1	74.3	74.3	74.3	74.3	74.3	74.4	74.6
≥ 5000	3.6	59.9	66.0	71.6	74.2	75.3	75.7	76.7	76.9	77.1	77.1	77.1	77.1	77.1	77.2	77.3
≥ 4500	3.6	59.9	66.0	71.6	74.2	75.3	75.7	76.7	76.9	77.1	77.1	77.1	77.1	77.1	77.2	77.3
≥ 4000	3.6	62.1	68.4	74.6	77.3	78.6	78.9	79.9	80.1	80.3	80.3	80.3	80.3	80.3	80.4	80.6
≥ 3500	3.6	62.2	68.7	74.9	77.9	79.1	79.4	80.4	80.7	80.9	80.9	80.9	80.9	80.9	81.0	81.1
≥ 3000	3.6	62.9	69.3	75.6	78.7	79.9	80.2	81.2	81.4	81.7	81.7	81.7	81.7	81.7	81.8	81.9
≥ 2500	3.6	63.8	70.6	76.8	80.0	81.2	81.6	82.6	82.8	83.0	83.0	83.0	83.0	83.0	83.1	83.2
≥ 2000	3.6	64.9	71.9	78.1	81.3	82.6	82.9	83.9	84.1	84.3	84.3	84.3	84.3	84.3	84.4	84.6
≥ 1800	3.6	65.0	72.1	78.3	81.8	83.0	83.3	84.3	84.6	84.8	84.8	84.8	84.8	84.8	84.9	85.0
≥ 1500	3.6	66.3	73.3	80.1	83.8	85.0	85.3	86.6	86.8	87.0	87.0	87.0	87.0	87.0	87.1	87.2
≥ 1200	3.6	67.3	74.4	81.4	85.1	86.3	86.7	87.9	88.1	88.3	88.3	88.3	88.3	88.3	88.4	88.6
≥ 1000	3.6	67.6	74.8	82.1	85.8	87.0	87.3	88.8	89.0	89.2	89.2	89.2	89.2	89.2	89.3	89.6
≥ 900	3.6	68.1	75.3	82.7	86.3	87.6	87.9	89.3	89.6	89.8	89.8	89.8	89.8	89.8	90.0	90.2
≥ 800	3.6	68.1	75.4	83.1	87.0	88.3	88.7	90.2	90.4	90.7	90.7	90.7	90.7	90.7	90.9	91.1
≥ 700	3.6	68.3	75.8	83.6	87.7	89.0	89.4	91.0	91.2	91.4	91.4	91.4	91.4	91.4	91.7	91.9
≥ 600	3.6	68.4	75.9	84.1	88.2	89.7	90.2	92.0	92.3	92.6	92.6	92.6	92.6	92.6	92.8	93.0
≥ 500	3.6	68.4	75.9	84.1	88.6	90.0	90.7	92.6	93.0	93.2	93.2	93.2	93.2	93.2	93.4	93.7
≥ 400	3.6	68.4	75.9	84.1	88.7	90.6	91.4	93.7	94.2	94.4	94.6	94.6	94.6	94.6	94.8	95.0
≥ 300	3.6	68.4	75.9	84.1	88.7	90.9	92.1	94.3	95.4	95.9	96.0	96.0	96.1	96.1	96.3	96.7
≥ 200	3.6	68.4	75.9	84.1	88.7	90.9	92.3	94.8	96.2	96.8	97.0	97.0	97.1	97.1	97.3	97.7
≥ 100	3.6	68.4	75.9	84.1	88.7	90.9	92.3	94.9	96.4	97.0	97.2	97.2	97.3	97.3	97.7	98.2
≥ 0	3.6	68.4	75.9	84.1	88.7	90.9	92.3	94.9	96.4	97.0	97.2	97.2	97.3	97.3	97.7	98.2

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17/5

ANDREWS AFB MD

69-70, 73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	2.4	36.3	43.4	48.1	50.9	51.4	52.7	53.8	54.2	54.3	54.4	54.4	54.4	54.4	54.4	54.4
≥ 20000	2.4	40.0	47.2	52.1	55.2	56.1	57.6	58.8	59.2	59.3	59.4	59.4	59.4	59.4	59.4	59.4
≥ 18000	2.4	40.3	47.6	52.4	55.6	56.4	57.9	59.1	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.6
≥ 16000	2.4	40.4	47.7	52.6	55.7	56.6	58.0	59.2	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9
≥ 14000	2.6	40.9	48.2	53.1	56.2	57.1	58.6	59.8	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4
≥ 12000	2.6	43.0	50.4	55.6	58.8	59.8	61.3	62.6	63.7	63.1	63.2	63.2	63.2	63.2	63.2	63.2
≥ 10000	2.8	46.4	54.3	60.0	63.3	64.3	66.0	67.2	67.7	67.8	67.9	67.9	67.9	67.9	67.9	67.9
≥ 9000	2.8	46.8	54.7	60.6	63.9	64.9	66.8	68.1	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8
≥ 8000	2.8	48.3	56.6	63.1	66.7	67.7	69.6	70.9	71.3	71.4	71.6	71.6	71.6	71.6	71.6	71.6
≥ 7000	2.8	49.7	58.0	64.7	68.2	69.2	71.1	72.4	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1
≥ 6000	2.8	51.1	58.9	65.6	69.1	70.1	72.1	73.4	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1
≥ 5000	2.8	51.4	60.3	67.4	71.1	72.1	74.1	75.4	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4500	2.8	51.9	60.8	67.9	71.6	72.6	74.6	75.9	76.3	76.4	76.6	76.6	76.6	76.6	76.6	76.6
≥ 4000	2.8	53.2	62.2	69.7	73.6	74.7	77.1	78.4	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1
≥ 3500	2.8	54.1	63.1	70.9	74.8	76.0	78.4	79.9	80.3	80.6	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3000	2.8	54.8	63.8	71.7	75.6	77.0	79.6	81.0	81.4	81.7	81.8	81.8	81.8	81.8	81.8	81.8
≥ 2500	3.0	55.1	64.1	72.2	76.3	77.8	80.3	81.8	82.2	82.4	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2000	3.0	56.3	65.3	73.4	77.6	79.1	81.8	83.3	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1800	3.0	56.4	65.7	73.8	77.9	79.4	82.1	83.7	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1500	3.0	57.6	67.0	75.4	80.0	81.7	84.7	86.2	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1200	3.0	58.2	67.7	76.2	81.0	82.8	85.9	87.6	88.1	88.4	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1000	3.0	58.6	68.1	76.7	81.7	83.7	86.8	88.7	89.2	89.6	89.7	89.7	89.7	89.7	89.7	89.7
≥ 900	3.0	59.0	68.7	77.2	82.3	84.3	87.4	89.3	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 800	3.0	59.3	69.2	77.9	83.1	85.1	88.2	90.1	90.7	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 700	3.0	59.3	69.3	78.0	83.4	85.4	88.8	90.8	91.4	91.8	91.9	91.9	91.9	91.9	91.9	91.9
≥ 600	3.0	59.3	69.3	78.1	83.7	85.7	89.8	91.9	92.7	93.0	93.2	93.2	93.2	93.2	93.2	93.2
≥ 500	3.0	59.3	69.3	78.1	83.8	86.2	90.4	92.7	93.8	94.1	94.3	94.3	94.3	94.3	94.3	94.3
≥ 400	3.0	59.3	69.4	78.2	84.0	86.8	91.3	94.1	95.3	96.2	96.4	96.4	96.4	96.4	96.4	96.4
≥ 300	3.0	59.3	69.4	78.2	84.0	86.9	91.4	94.2	95.6	96.7	97.0	97.0	97.0	97.2	97.2	97.2
≥ 200	3.0	59.3	69.4	78.2	84.0	86.9	91.8	94.8	96.1	97.3	98.0	98.0	98.3	98.3	98.3	98.3
≥ 100	3.0	59.3	69.4	78.2	84.0	86.9	91.8	94.8	96.1	97.4	98.1	98.1	98.8	98.8	98.9	99.8
≥ 0	3.0	59.3	69.4	78.2	84.0	86.9	91.8	94.8	96.1	97.4	98.1	98.1	98.8	98.8	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC

FORM
JUL 64

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	4.2	46.8	52.6	54.4	55.9	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 20000	4.6	53.3	57.2	59.3	60.9	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 18000	4.6	53.7	57.7	59.9	61.4	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 16000	4.6	53.7	57.7	60.0	61.6	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 14000	4.6	54.1	58.1	60.4	62.0	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 12000	4.6	55.8	59.8	62.1	63.8	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 10000	5.0	60.1	64.6	67.2	69.1	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 9000	5.0	60.1	64.6	67.2	69.3	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 8000	5.0	62.2	67.0	69.8	72.0	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 7000	5.0	63.7	68.4	71.2	73.4	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 6000	5.0	64.2	69.0	71.8	74.0	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 5000	5.0	65.7	70.4	73.7	75.9	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4500	5.0	66.1	70.9	74.3	76.6	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 4000	5.0	67.4	72.4	76.1	78.4	79.3	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3500	5.0	68.2	73.4	77.1	79.7	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3000	5.0	70.6	76.1	79.9	82.4	83.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2500	5.0	71.6	77.4	81.2	83.9	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2000	5.0	72.4	78.3	82.4	85.1	86.1	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1800	5.0	72.9	78.9	83.0	85.8	86.9	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1500	5.0	74.1	80.9	85.8	88.7	89.8	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1200	5.0	75.1	82.1	87.0	90.1	91.3	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1000	5.0	75.6	82.7	87.9	92.0	93.6	94.7	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 900	5.0	75.7	82.8	88.1	92.3	93.9	95.2	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 800	5.0	76.2	83.3	88.7	93.1	94.7	96.2	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	5.0	76.3	83.7	89.1	93.6	95.2	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	5.0	76.3	83.8	89.4	94.1	95.9	97.4	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 500	5.0	76.4	83.9	89.7	94.4	96.3	98.0	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	5.0	76.4	83.9	89.7	94.7	96.7	98.3	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	5.0	76.4	83.9	89.7	94.7	96.8	98.4	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	5.0	76.4	83.9	89.7	94.7	96.8	98.6	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	5.0	76.4	83.9	89.7	94.7	96.8	98.6	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	5.0	76.4	83.9	89.7	94.7	96.8	98.6	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70, 73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥⅓	≥¼	≥0
NO CEILING	4.2	46.3	49.1	49.9	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 20000	5.2	54.9	57.9	58.7	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 18000	5.2	55.3	58.3	59.1	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 16000	5.2	55.6	58.6	59.3	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 14000	5.2	56.0	59.0	59.8	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 12000	5.2	58.1	61.1	62.0	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 10000	5.7	62.7	65.9	66.8	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 9000	5.7	63.2	66.4	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 8000	5.7	65.4	69.2	70.4	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 7000	5.7	67.1	71.0	72.3	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 6000	5.7	68.1	72.0	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 5000	5.7	70.2	74.2	75.7	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 4500	5.7	71.0	75.0	76.4	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 4000	6.0	75.7	79.8	81.4	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3500	6.2	77.8	82.3	84.2	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3000	6.2	80.7	85.9	88.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2500	6.2	81.7	87.1	89.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2000	6.2	83.1	88.9	91.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800	6.2	83.1	89.0	91.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1500	6.2	83.9	89.8	92.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200	6.2	84.3	90.3	93.3	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1000	6.2	84.8	91.1	94.2	95.8	95.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	6.2	84.8	91.3	94.4	96.0	96.1	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800	6.2	84.9	91.7	94.8	96.3	96.6	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	6.2	84.9	92.1	95.2	96.9	97.1	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	6.2	84.9	92.1	95.2	96.9	97.1	98.0	98.3	98.3	98.4	98.6	98.6	98.7	98.7	98.7	98.7
≥ 500	6.2	85.0	92.3	95.4	97.1	97.3	98.2	98.7	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1
≥ 400	6.2	85.0	92.3	95.4	97.1	97.3	98.2	99.1	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.6
≥ 300	6.2	85.1	92.4	95.6	97.2	97.4	98.3	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	6.2	85.1	92.4	95.6	97.2	97.4	98.3	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	6.2	85.1	92.4	95.6	97.2	97.4	98.3	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	6.2	85.1	92.4	95.6	97.2	97.4	98.3	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	4.9	51.1	53.2	54.7	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 20000	6.3	59.2	62.2	63.7	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 18000	6.3	59.7	62.7	64.1	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 16000	6.3	59.9	62.9	64.3	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 14000	6.3	60.6	63.6	65.0	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 12000	6.3	62.1	65.2	66.8	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 10000	6.3	66.2	69.8	71.4	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 9000	6.3	66.6	70.1	71.9	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 8000	6.3	70.0	74.1	75.9	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 7000	6.3	71.4	75.9	77.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 6000	6.3	72.3	76.8	79.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	6.3	74.9	79.6	81.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4500	6.3	75.1	79.8	82.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4000	6.7	78.6	83.8	86.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3500	6.7	81.0	85.2	88.3	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 3000	6.7	81.7	87.3	90.4	91.6	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2500	6.7	82.1	87.9	91.0	92.1	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000	6.7	82.8	88.8	92.2	93.6	93.7	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800	6.7	82.8	88.8	92.2	93.6	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	6.7	82.9	89.1	92.7	94.0	94.2	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1200	6.7	83.3	89.7	93.2	94.6	94.8	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1000	6.7	83.7	90.0	93.8	95.2	95.4	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	6.7	83.7	90.1	94.2	95.7	96.0	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800	6.7	83.9	90.7	94.8	96.2	96.6	97.0	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	6.7	83.9	90.9	95.0	96.4	96.8	97.2	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	6.7	84.0	91.0	95.1	96.6	97.0	97.4	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	6.7	84.0	91.0	95.1	96.6	97.0	97.8	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	6.7	84.0	91.0	95.2	96.7	97.1	97.9	98.8	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	6.7	84.0	91.0	95.2	96.7	97.1	98.0	99.0	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	6.7	84.0	91.0	95.2	96.7	97.1	98.1	99.1	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	6.7	84.0	91.0	95.2	96.7	97.1	98.1	99.1	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	6.7	84.0	91.0	95.2	96.7	97.1	98.1	99.1	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1075

ANDREWS AFB MD

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.1	53.1	56.0	57.6	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 20000	5.4	59.4	63.2	65.1	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 18000	5.4	59.7	63.4	65.3	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 16000	5.4	59.8	63.6	65.4	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 14000	5.4	60.8	64.6	66.4	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 12000	5.4	62.4	66.3	68.2	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 10000	5.6	67.1	71.3	73.8	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 9000	5.6	67.4	71.7	74.1	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 8000	5.6	71.1	75.3	77.8	78.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 7000	5.7	71.9	76.2	78.8	79.9	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 6000	5.8	72.8	77.1	80.0	81.1	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 5000	5.8	76.7	80.4	83.3	84.6	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 4500	5.8	76.4	80.9	83.8	85.1	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 4000	5.8	79.3	83.6	86.9	88.3	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3500	5.8	79.9	84.3	87.7	89.1	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3000	5.3	80.4	85.0	88.4	90.0	90.6	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2500	5.8	80.4	85.1	88.6	90.1	90.7	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2000	5.8	80.7	85.3	89.0	91.0	91.6	91.9	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1800	5.8	80.8	85.4	89.1	91.1	91.7	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1500	5.8	81.6	86.2	89.9	92.1	92.7	93.3	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1200	5.8	82.1	87.0	90.7	93.1	93.8	94.4	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000	5.8	82.2	87.2	91.2	93.9	94.7	95.4	95.4	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	5.8	82.6	87.6	91.6	94.2	95.0	95.8	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 800	5.8	82.6	87.6	91.6	94.2	95.0	96.0	96.1	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 700	5.8	82.6	87.7	91.9	94.7	95.6	96.7	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	5.8	82.7	87.8	92.0	94.8	95.7	96.8	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 500	5.8	82.8	87.9	92.2	95.2	96.1	97.6	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	5.8	82.9	88.0	92.4	95.4	96.4	97.9	98.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	5.8	82.9	88.0	92.4	95.4	96.4	98.1	98.7	98.9	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 200	5.8	82.9	88.0	92.4	95.6	96.6	98.2	99.0	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	5.8	82.9	88.0	92.4	95.6	96.6	98.2	99.0	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	5.8	82.9	88.0	92.4	95.6	96.6	98.2	99.0	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

137.5

ANDREWS AFB MD

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	4.2	54.6	58.1	60.6	61.6	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 20000	4.4	58.1	62.1	65.0	66.0	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 18000	4.4	58.2	62.2	65.1	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 16000	4.4	58.4	62.4	65.3	66.3	66.4	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 14000	4.8	59.7	63.7	66.6	67.6	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 12000	5.1	61.7	65.7	68.6	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 10000	5.2	65.8	69.9	73.0	74.0	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 9000	5.3	66.2	70.3	73.4	74.4	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 8000	5.4	69.6	73.8	76.9	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 7000	5.4	70.3	74.6	77.7	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 6000	5.4	71.3	75.7	78.8	79.9	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 5000	5.4	73.6	78.1	81.6	82.8	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4500	5.4	74.1	78.6	82.1	83.3	83.4	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4000	5.7	75.4	80.6	84.6	85.9	86.2	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3500	5.7	76.3	81.4	85.4	86.8	87.1	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3000	5.7	77.2	83.1	87.4	88.9	89.3	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2500	5.7	78.1	83.9	88.3	89.8	90.2	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2000	5.7	78.4	84.4	88.9	90.3	90.8	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1800	5.7	78.6	84.6	89.0	90.4	90.9	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1500	5.7	78.7	84.9	89.3	90.8	91.2	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	5.7	79.9	86.1	90.6	92.1	92.6	92.8	92.9	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1
≥ 1000	5.7	80.0	86.3	90.9	92.7	93.2	93.4	93.7	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9
≥ 900	5.7	80.0	86.3	90.9	92.8	93.3	93.6	93.8	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0
≥ 800	5.7	80.2	86.8	91.4	93.3	94.0	94.3	94.6	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8
≥ 700	5.7	80.2	86.8	91.6	93.8	94.7	95.0	95.2	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4
≥ 600	5.7	80.2	86.8	91.7	93.9	94.8	95.3	95.6	95.7	95.7	95.7	95.7	95.9	95.9	95.9	95.9
≥ 500	5.7	80.2	86.8	92.0	94.6	95.7	96.3	96.6	96.7	96.7	96.7	96.7	96.9	96.9	96.9	96.9
≥ 400	5.7	80.3	86.9	92.7	95.3	96.4	97.1	97.4	97.7	97.7	97.7	97.7	97.9	97.9	97.9	97.9
≥ 300	5.7	80.3	86.9	92.7	95.3	96.6	97.3	97.8	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6
≥ 200	5.7	80.3	86.9	92.7	95.3	96.6	97.3	97.9	98.4	98.6	98.7	98.7	99.0	99.0	99.1	99.1
≥ 100	5.7	80.3	86.9	92.7	95.3	96.6	97.3	97.9	98.4	98.6	98.8	98.8	99.1	99.2	99.6	99.9
≥ 0	5.7	80.3	86.9	92.7	95.3	96.6	97.3	97.9	98.4	98.6	98.8	98.8	99.1	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70,73-87

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	4.0	48.1	52.1	54.6	55.8	56.2	56.4	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 20000	4.3	53.2	57.5	60.2	61.6	62.0	62.3	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8
≥ 18000	4.3	53.5	57.8	60.6	62.0	62.4	62.7	62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 16000	4.3	53.6	58.0	60.7	62.1	62.5	62.8	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3
≥ 14000	4.4	54.3	58.6	61.4	62.8	63.2	63.5	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 12000	4.5	56.1	60.5	63.3	64.8	65.2	65.5	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 10000	4.7	60.3	65.1	68.3	69.8	70.3	70.6	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 9000	4.7	60.6	65.4	68.7	70.3	70.8	71.1	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6
≥ 8000	4.7	63.2	68.3	71.7	73.5	74.0	74.4	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9
≥ 7000	4.8	64.5	69.7	73.2	75.0	75.5	75.9	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 6000	4.8	65.3	70.6	74.2	76.0	76.5	76.9	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 5000	4.8	67.4	72.9	76.6	78.5	79.0	79.4	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4500	4.8	67.8	73.3	77.0	79.0	79.5	79.9	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4
≥ 4000	4.9	70.1	75.9	80.0	82.1	82.7	83.2	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8
≥ 3500	4.9	71.0	76.9	81.2	83.3	84.0	84.5	84.9	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3000	4.9	72.3	78.5	83.0	85.2	85.9	86.5	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.1	87.1
≥ 2500	4.9	73.0	79.3	83.8	86.1	86.8	87.4	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2000	4.9	73.9	80.4	85.0	87.4	88.2	88.8	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.5	89.5
≥ 1800	4.9	74.1	80.6	85.3	87.7	88.5	89.1	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.8
≥ 1500	4.9	74.8	81.6	86.4	89.0	89.8	90.6	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.3	91.3
≥ 1200	4.9	75.6	82.4	87.4	90.1	90.9	91.8	92.2	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1000	4.9	75.8	82.8	88.0	90.9	91.9	92.9	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.8
≥ 900	4.9	76.0	83.1	88.3	91.3	92.3	93.3	93.8	94.0	94.1	94.1	94.1	94.1	94.2	94.2	94.2
≥ 800	4.9	76.2	83.5	88.8	91.9	92.9	94.0	94.6	94.7	94.9	94.9	94.9	94.9	94.9	95.0	95.0
≥ 700	4.9	76.3	83.7	89.1	92.3	93.4	94.6	95.2	95.4	95.5	95.5	95.5	95.5	95.6	95.6	95.6
≥ 600	4.9	76.3	83.8	89.3	92.6	93.7	95.0	95.7	95.9	96.1	96.2	96.2	96.2	96.3	96.3	96.3
≥ 500	4.9	76.4	83.8	89.4	92.9	94.2	95.7	96.4	96.7	96.9	97.0	97.0	97.0	97.1	97.1	97.1
≥ 400	4.9	76.4	83.9	89.6	93.2	94.5	96.1	97.2	97.6	97.9	98.0	98.0	98.0	98.1	98.1	98.1
≥ 300	4.9	76.4	83.9	89.6	93.2	94.7	96.3	97.6	98.1	98.5	98.6	98.6	98.7	98.7	98.7	98.8
≥ 200	4.9	76.4	83.9	89.6	93.2	94.7	96.5	97.8	98.4	98.9	99.0	99.0	99.2	99.2	99.2	99.3
≥ 100	4.9	76.4	83.9	89.6	93.2	94.7	96.5	97.8	98.4	98.9	99.1	99.1	99.3	99.4	99.6	99.8
≥ 0	4.9	76.4	83.9	89.6	93.2	94.7	96.5	97.8	98.4	98.9	99.1	99.1	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

177 5

ANDREWS AFB MD

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅓	≥ ⅓	≥ ⅓	≥ ⅓
NO CEILING	5.9	54.7	57.1	58.3	58.8	59.0	59.2	59.5	59.5	59.5	59.7	59.7	59.7	59.8	59.9	59.9
≥ 20000	6.0	57.5	59.9	61.1	61.8	62.0	62.3	62.5	62.5	62.5	62.7	62.7	62.7	62.8	62.9	62.9
≥ 18000	6.0	57.5	59.9	61.1	61.8	62.0	62.3	62.5	62.5	62.5	62.7	62.7	62.7	62.8	62.9	62.9
≥ 16000	6.0	57.5	59.9	61.1	61.8	62.0	62.3	62.5	62.5	62.5	62.7	62.7	62.7	62.8	62.9	62.9
≥ 14000	6.0	58.1	60.4	61.6	62.4	62.6	62.8	63.0	63.0	63.0	63.2	63.2	63.2	63.3	63.4	63.4
≥ 12000	6.1	59.6	61.9	63.1	63.9	64.1	64.3	64.5	64.5	64.5	64.7	64.7	64.7	64.8	64.9	64.9
≥ 10000	6.5	65.1	67.5	68.7	69.5	69.7	69.9	70.1	70.1	70.1	70.3	70.3	70.3	70.4	70.5	70.5
≥ 9000	6.5	65.3	67.7	69.2	70.0	70.2	70.5	70.8	70.8	70.8	71.0	71.0	71.0	71.1	71.2	71.2
≥ 8000	6.5	68.0	70.5	72.4	73.1	73.3	73.7	74.0	74.0	74.0	74.2	74.2	74.2	74.3	74.4	74.4
≥ 7000	6.5	69.5	72.0	73.9	74.8	75.1	75.4	75.7	75.7	75.7	75.9	75.9	75.9	76.0	76.1	76.1
≥ 6000	6.5	70.8	73.4	75.4	76.3	76.6	76.9	77.2	77.2	77.2	77.4	77.4	77.4	77.5	77.6	77.6
≥ 5000	6.5	72.9	75.7	77.6	78.6	78.8	79.1	79.5	79.5	79.5	79.7	79.7	79.7	79.8	79.9	79.9
≥ 4500	6.5	73.4	76.3	78.3	79.4	79.6	79.9	80.2	80.2	80.2	80.4	80.4	80.4	80.5	80.6	80.6
≥ 4000	6.5	76.1	79.2	81.2	82.4	82.6	82.9	83.2	83.2	83.2	83.4	83.4	83.4	83.5	83.7	83.7
≥ 3500	6.5	77.4	80.6	82.6	83.9	84.1	84.4	84.7	84.7	84.7	84.9	84.9	84.9	85.1	85.2	85.2
≥ 3000	6.5	78.3	82.0	84.1	85.4	85.6	85.9	86.2	86.2	86.2	86.5	86.5	86.5	86.6	86.7	86.7
≥ 2500	6.5	79.4	83.3	85.6	87.1	87.3	87.7	88.1	88.1	88.1	88.3	88.3	88.3	88.4	88.5	88.5
≥ 2000	6.5	80.1	84.2	86.6	88.1	88.4	88.8	89.1	89.1	89.1	89.4	89.4	89.4	89.5	89.6	89.6
≥ 1800	6.5	80.1	84.2	86.7	88.2	88.5	88.9	89.2	89.2	89.2	89.5	89.5	89.5	89.6	89.7	89.7
≥ 1500	6.5	80.4	84.6	87.2	88.8	89.1	89.6	89.9	89.9	89.9	90.1	90.1	90.1	90.2	90.3	90.3
≥ 1200	6.5	80.9	85.2	87.7	89.5	89.8	90.3	90.6	90.6	90.6	90.9	90.9	90.9	91.0	91.1	91.1
≥ 1000	6.5	81.0	85.3	88.1	89.9	90.2	90.8	91.1	91.1	91.1	91.3	91.3	91.3	91.4	91.5	91.5
≥ 900	6.5	81.0	85.3	88.2	90.0	90.3	90.9	91.2	91.2	91.2	91.4	91.4	91.4	91.5	91.6	91.6
≥ 800	6.5	81.1	85.5	88.5	90.4	90.8	91.3	91.6	91.6	91.6	91.8	91.8	91.8	91.9	92.0	92.0
≥ 700	6.5	81.1	85.5	88.8	90.9	91.2	91.7	92.0	92.0	92.0	92.3	92.3	92.3	92.4	92.5	92.5
≥ 600	6.5	81.1	85.5	89.0	91.3	91.7	92.3	92.7	92.7	92.7	92.9	92.9	92.9	93.0	93.1	93.1
≥ 500	6.5	81.2	85.8	89.4	91.6	92.2	93.1	93.9	93.9	94.0	94.2	94.2	94.2	94.3	94.4	94.4
≥ 400	6.5	81.2	85.8	89.4	91.7	92.7	93.9	94.6	94.6	95.1	95.3	95.3	95.3	95.4	95.5	95.5
≥ 300	6.5	81.2	85.8	89.4	91.8	93.0	94.3	95.5	95.7	96.2	96.5	96.5	96.5	96.6	96.7	96.7
≥ 200	6.5	81.2	85.8	89.5	92.0	93.2	94.9	96.2	96.6	97.6	98.0	98.0	98.0	98.1	98.2	98.3
≥ 100	6.5	81.2	85.8	89.5	92.0	93.2	94.9	96.3	96.8	97.8	98.3	98.3	98.3	98.4	98.5	98.6
≥ 0	6.5	81.2	85.8	89.5	92.0	93.2	94.9	96.3	96.8	97.8	98.3	98.3	98.3	98.4	98.5	98.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

300-7500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	4.5	51.9	54.9	56.6	57.5	57.5	58.0	58.0	58.1	58.1	58.1	58.1	58.2	58.2	58.4	58.5
≥ 20000	4.5	53.9	56.9	58.6	59.6	59.6	60.2	60.4	60.5	60.5	60.5	60.5	60.5	60.6	60.9	61.0
≥ 18000	4.5	53.9	56.9	58.6	59.6	59.6	60.2	60.4	60.5	60.5	60.5	60.5	60.5	60.6	60.9	61.0
≥ 16000	4.5	53.9	56.9	58.6	59.6	59.6	60.2	60.4	60.5	60.5	60.5	60.5	60.5	60.6	60.9	61.0
≥ 14000	4.5	54.6	57.6	59.4	60.3	60.3	61.0	61.2	61.3	61.3	61.3	61.3	61.4	61.4	61.6	61.7
≥ 12000	4.5	55.6	58.6	60.3	61.3	61.3	61.9	62.2	62.3	62.3	62.3	62.3	62.4	62.4	62.6	62.7
≥ 10000	4.5	60.0	63.0	64.7	65.7	65.7	66.3	66.6	66.7	66.7	66.7	66.7	66.8	66.8	67.0	67.1
≥ 9000	4.5	60.4	63.4	65.2	66.1	66.1	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.2	67.4	67.5
≥ 8000	4.5	63.5	66.7	68.8	69.9	69.9	70.5	70.8	70.9	71.0	71.1	71.1	71.2	71.2	71.4	71.5
≥ 7000	4.5	65.1	68.2	70.3	71.5	71.5	72.4	72.6	72.7	72.8	72.9	72.9	73.0	73.0	73.2	73.3
≥ 6000	4.5	65.8	68.9	71.1	72.3	72.3	73.1	73.3	73.4	73.5	73.7	73.7	73.8	73.8	74.0	74.1
≥ 5000	4.5	67.5	70.9	73.0	74.2	74.2	75.1	75.3	75.4	75.5	75.6	75.6	75.7	75.7	75.9	76.0
≥ 4500	4.5	68.1	71.5	73.7	74.8	74.8	75.7	75.9	76.0	76.1	76.2	76.2	76.3	76.3	76.6	76.7
≥ 4000	4.5	71.3	74.9	77.1	78.3	78.3	79.1	79.4	79.5	79.6	79.7	79.7	79.8	79.8	80.0	80.1
≥ 3500	4.5	72.3	76.0	78.3	79.6	79.6	80.4	80.6	80.8	80.9	81.0	81.0	81.2	81.2	81.4	81.5
≥ 3000	4.5	73.8	77.7	80.1	81.4	81.5	82.4	82.6	82.7	82.8	82.9	82.9	83.1	83.1	83.3	83.4
≥ 2500	4.5	74.7	78.7	81.1	82.5	82.6	83.4	83.7	83.9	84.0	84.1	84.1	84.3	84.3	84.5	84.6
≥ 2000	4.5	75.4	79.6	81.9	83.5	83.7	84.5	84.7	84.9	85.1	85.2	85.2	85.4	85.4	85.6	85.7
≥ 1800	4.5	75.5	79.7	82.0	83.8	83.9	84.7	85.2	85.4	85.5	85.6	85.6	85.8	85.8	86.0	86.1
≥ 1500	4.5	75.9	80.1	82.6	84.4	84.5	85.4	85.8	86.0	86.1	86.2	86.2	86.5	86.5	86.7	86.8
≥ 1200	4.5	76.9	81.3	83.8	85.6	85.7	86.7	87.1	87.3	87.4	87.5	87.5	87.7	87.7	88.0	88.1
≥ 1000	4.5	77.0	81.5	84.1	86.1	86.3	87.3	87.7	88.0	88.1	88.2	88.2	88.4	88.4	88.6	88.7
≥ 900	4.5	77.0	81.5	84.3	86.3	86.6	87.5	88.0	88.2	88.3	88.4	88.4	88.6	88.6	88.8	88.9
≥ 800	4.5	77.1	81.6	84.5	86.7	87.0	88.0	88.5	88.7	88.8	88.9	88.9	89.1	89.1	89.4	89.5
≥ 700	4.5	77.1	81.7	84.7	87.3	87.6	88.6	89.1	89.4	89.5	89.6	89.6	89.8	89.8	90.0	90.1
≥ 600	4.5	77.2	81.8	85.1	87.8	88.2	89.2	89.9	90.1	90.2	90.3	90.3	90.5	90.5	90.8	90.9
≥ 500	4.5	77.2	81.8	85.4	88.4	88.7	89.9	90.9	91.1	91.2	91.3	91.3	91.5	91.5	91.7	91.8
≥ 400	4.5	77.2	81.9	85.5	88.6	89.5	91.0	92.0	92.6	93.1	93.2	93.2	93.4	93.4	93.7	93.8
≥ 300	4.5	77.2	81.9	85.5	88.8	89.8	91.5	93.2	94.0	94.7	94.9	94.9	95.2	95.2	95.4	95.5
≥ 200	4.5	77.2	81.9	85.5	88.8	89.8	91.6	93.7	94.6	95.4	95.7	95.7	96.1	96.1	96.3	96.7
≥ 100	4.5	77.2	81.9	85.5	88.8	89.8	91.6	93.8	94.9	95.7	96.1	96.2	96.8	97.1	97.8	99.1
≥ 0	4.5	77.2	81.9	85.5	88.8	89.8	91.6	93.8	94.9	95.7	96.1	96.2	96.8	97.1	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	3.9	43.1	48.8	50.5	52.5	52.8	53.5	53.9	53.9	53.9	54.3	54.3	54.3	54.3	54.8	55.1
≥ 20000	3.9	46.6	52.8	54.8	56.8	57.1	57.8	58.2	58.2	58.2	58.6	58.6	58.6	58.6	59.2	59.5
≥ 18000	3.9	46.7	52.9	54.9	56.9	57.2	58.0	58.3	58.3	58.3	58.7	58.7	58.7	58.7	59.4	59.6
≥ 16000	3.9	46.7	52.9	54.9	56.9	57.2	58.0	58.3	58.3	58.3	58.7	58.7	58.7	58.7	59.4	59.6
≥ 14000	3.9	47.2	53.4	55.5	57.4	57.7	58.5	58.8	58.8	58.8	59.2	59.2	59.2	59.2	59.9	60.1
≥ 12000	3.9	47.8	54.7	56.9	58.8	59.1	59.9	60.2	60.2	60.2	60.6	60.6	60.6	60.6	61.3	61.5
≥ 10000	3.9	50.5	57.5	60.0	62.3	62.6	63.4	63.8	63.9	64.0	64.4	64.4	64.4	64.4	65.1	65.3
≥ 9000	4.0	51.2	58.2	60.6	63.0	63.3	64.2	64.5	64.6	64.7	65.2	65.2	65.2	65.2	65.8	66.0
≥ 8000	4.0	54.3	61.5	64.1	66.5	66.8	67.6	68.0	68.1	68.2	68.6	68.6	68.6	68.6	69.2	69.5
≥ 7000	4.0	55.4	62.7	65.3	67.7	68.1	69.0	69.4	69.5	69.6	70.0	70.0	70.0	70.0	70.6	70.9
≥ 6000	4.0	56.5	63.9	66.6	69.0	69.4	70.3	70.8	70.9	71.0	71.4	71.4	71.4	71.4	72.0	72.3
≥ 5000	4.1	59.0	66.6	69.5	72.2	72.5	73.4	73.9	74.0	74.1	74.5	74.5	74.5	74.5	75.2	75.4
≥ 4500	4.1	60.0	67.7	70.6	73.3	73.7	74.8	75.3	75.4	75.5	75.9	75.9	75.9	75.9	76.6	76.8
≥ 4000	4.7	62.4	70.4	73.7	76.6	77.0	78.3	78.7	78.8	78.9	79.4	79.4	79.5	79.5	80.1	80.3
≥ 3500	4.7	63.1	71.2	74.4	77.5	78.0	79.2	79.7	79.8	79.9	80.3	80.3	80.4	80.4	81.1	81.3
≥ 3000	4.8	64.3	72.6	76.0	79.1	79.6	81.0	81.5	81.7	82.0	82.5	82.5	82.6	82.6	83.2	83.4
≥ 2500	4.8	64.8	73.4	76.9	80.0	80.4	81.8	82.5	82.7	83.0	83.4	83.4	83.5	83.5	84.2	84.4
≥ 2000	4.8	65.3	74.1	77.6	81.0	81.5	83.1	83.8	84.1	84.4	84.8	84.8	84.9	84.9	85.6	85.8
≥ 1800	4.8	65.6	74.4	78.0	81.3	81.8	83.4	84.1	84.4	84.7	85.2	85.2	85.3	85.3	85.9	86.1
≥ 1500	4.8	65.9	74.7	78.3	81.7	82.3	84.1	84.8	85.2	85.5	85.9	85.9	86.1	86.1	86.8	87.0
≥ 1200	4.9	66.6	75.6	79.2	82.7	83.2	85.2	85.9	86.5	86.9	87.3	87.3	87.5	87.5	88.2	88.4
≥ 1000	4.9	66.7	75.8	79.6	83.0	83.5	85.6	86.3	86.9	87.3	87.8	87.8	88.1	88.1	88.7	88.9
≥ 900	4.9	66.9	76.0	79.8	83.2	83.9	85.9	86.7	87.2	87.6	88.2	88.2	88.4	88.4	89.0	89.2
≥ 800	4.9	67.0	76.1	79.9	83.3	84.1	86.5	87.3	87.8	88.3	88.8	88.8	89.0	89.0	89.7	89.9
≥ 700	4.9	67.2	76.3	80.3	83.9	84.7	87.1	88.2	88.7	89.1	89.7	89.7	89.9	89.9	90.5	90.8
≥ 600	4.9	67.2	76.3	80.3	83.9	84.7	87.4	88.5	89.0	89.5	90.0	90.0	90.2	90.2	90.9	91.1
≥ 500	4.9	67.5	76.7	80.6	84.5	85.6	88.7	90.1	90.6	91.2	91.7	91.7	91.9	91.9	92.6	92.9
≥ 400	4.9	67.6	76.8	80.9	84.7	85.8	89.7	91.2	92.3	92.9	93.4	93.4	93.7	93.7	94.3	94.6
≥ 300	4.9	67.6	76.8	81.0	84.8	86.0	90.1	91.8	93.0	94.1	94.7	94.7	95.1	95.1	95.7	96.0
≥ 200	4.9	67.6	76.8	80.9	84.8	86.0	90.2	91.9	93.1	94.4	95.3	95.3	95.8	95.9	96.6	97.2
≥ 100	4.9	67.6	76.8	80.9	84.8	86.0	90.4	92.3	93.4	94.8	95.9	95.9	96.7	96.9	98.1	99.6
≥ 0	4.9	67.6	76.8	80.9	84.8	86.0	90.4	92.3	93.4	94.8	95.9	95.9	96.7	96.9	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13775

ANDREWS AFB MD

69-70, 73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	5.4	50.8	52.9	54.0	54.3	54.4	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.8
≥ 20000	5.7	56.8	59.5	60.6	61.0	61.1	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.6
≥ 18000	5.7	56.8	59.5	60.6	61.0	61.1	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.6
≥ 16000	5.7	56.8	59.5	60.6	61.0	61.1	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.6
≥ 14000	5.7	58.6	60.6	61.8	62.2	62.3	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.8
≥ 12000	5.7	58.6	61.3	62.5	62.8	62.9	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.4
≥ 10000	5.8	61.2	64.3	65.5	65.9	66.0	66.2	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.6
≥ 9000	5.3	62.0	65.5	66.7	67.1	67.3	67.5	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.8
≥ 8000	6.0	65.5	69.0	70.4	70.9	71.1	71.3	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.6
≥ 7000	6.3	66.6	70.3	71.7	72.2	72.4	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.9
≥ 6000	6.3	67.0	70.8	72.2	72.6	72.8	73.0	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.3
≥ 5000	6.5	68.9	72.7	74.2	74.8	75.1	75.3	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.6
≥ 4500	6.5	69.8	73.5	75.3	75.9	76.1	76.3	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.7
≥ 4000	6.5	72.9	77.1	79.3	80.1	80.4	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.1
≥ 3500	6.7	73.9	78.2	80.2	81.3	81.6	81.9	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.3
≥ 3000	6.7	75.2	80.2	82.4	83.5	84.0	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.6
≥ 2500	6.7	75.6	80.9	83.0	84.3	84.7	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.4
≥ 2000	6.7	76.7	82.0	84.2	85.7	86.2	86.6	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.1
≥ 1800	6.7	77.1	82.5	84.6	86.1	86.7	87.0	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.5
≥ 1500	6.7	77.6	83.2	85.5	87.0	87.5	88.0	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.5
≥ 1200	6.7	78.2	83.8	86.0	87.6	88.3	88.9	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.7
≥ 1000	6.7	78.6	84.3	86.6	88.4	89.5	90.3	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.1
≥ 900	6.7	78.8	84.5	86.8	88.6	89.8	90.9	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.6
≥ 800	6.7	79.1	84.7	87.1	88.9	90.2	91.4	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.3
≥ 700	6.7	79.5	85.2	87.6	89.5	90.8	92.0	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	93.1
≥ 600	6.7	79.6	85.3	87.7	89.6	91.0	93.1	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.4
≥ 500	6.7	79.6	85.5	88.2	90.2	91.9	94.2	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.6
≥ 400	6.7	79.6	85.5	88.4	90.4	92.3	95.1	96.1	96.3	96.6	96.8	96.8	96.9	96.9	97.1	97.2
≥ 300	6.7	79.6	85.5	88.4	90.4	92.4	95.5	97.0	97.2	97.6	98.3	98.3	98.6	98.6	98.8	98.9
≥ 200	6.7	79.6	85.5	88.4	90.4	92.4	95.6	97.3	97.5	98.3	98.9	98.9	99.5	99.5	99.7	99.9
≥ 100	6.7	79.6	85.5	88.4	90.4	92.5	95.7	97.4	97.6	98.4	99.0	99.0	99.6	99.6	99.8	100.0
≥ 0	6.7	79.6	85.5	88.4	90.4	92.5	95.7	97.4	97.6	98.4	99.0	99.0	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

131 5

ANDREWS AFB MD

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	6.5	52.2	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 20000	7.5	59.1	60.0	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 18000	7.5	59.6	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 16000	7.5	59.6	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 14000	7.7	61.5	62.4	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 12000	7.7	62.5	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 10000	7.8	65.6	66.6	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 9000	7.8	66.9	68.2	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 8000	7.8	70.4	71.7	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 7000	7.8	71.3	72.6	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 6000	7.8	71.8	73.1	73.5	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 5000	8.2	74.3	76.1	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 4500	8.2	75.2	77.0	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 4000	8.3	78.8	81.9	81.5	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3500	8.4	81.3	82.4	83.0	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3000	8.4	83.0	85.3	86.1	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2500	8.4	83.9	86.3	87.3	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2000	8.5	85.3	88.0	89.4	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1800	8.5	85.3	88.0	89.4	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1500	8.5	86.0	88.8	90.8	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1200	8.5	87.0	90.0	92.3	92.8	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1000	8.5	87.2	91.2	92.6	93.3	93.8	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 900	8.5	87.2	90.2	92.7	93.4	93.9	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	8.5	87.5	90.5	93.0	93.8	94.2	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 700	8.5	87.5	91.8	93.2	94.1	94.5	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 600	8.5	87.6	90.9	93.3	94.3	95.1	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500	8.5	87.7	91.1	93.7	95.1	95.9	97.1	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 400	8.5	87.8	91.2	93.8	95.2	96.2	97.4	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	8.5	87.8	91.2	93.8	95.2	96.3	98.1	98.9	99.1	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	8.5	87.8	91.2	93.8	95.2	96.3	98.1	98.9	99.1	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	8.5	87.8	91.2	93.8	95.2	96.3	98.1	98.9	99.1	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	8.5	87.8	91.2	93.8	95.2	96.3	98.1	98.9	99.1	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIM. OLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1775

ANDREWS AFB MD

69-70, 73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	7.1	54.3	54.9	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 20000	7.5	61.2	61.8	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 18000	8.1	62.6	63.2	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 16000	8.1	62.9	63.5	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 14000	8.2	64.0	64.7	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 12000	8.5	65.4	66.1	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 10000	8.6	68.1	68.8	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 9500	8.6	68.5	69.6	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 8000	8.5	71.8	73.1	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 7000	8.9	73.8	75.1	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 6000	8.9	74.9	76.2	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 5000	9.1	77.1	78.8	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4500	9.1	78.3	80.0	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 4000	9.6	83.2	85.1	85.7	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3500	9.6	84.3	86.5	87.2	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3000	9.7	86.5	89.1	89.8	90.2	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 2500	9.7	87.7	90.3	91.4	91.8	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000	9.7	88.4	91.1	92.4	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1800	9.7	88.4	91.1	92.6	93.3	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1500	9.7	88.8	91.5	93.1	94.0	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1200	9.7	89.7	92.5	94.2	95.2	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	9.7	90.1	92.9	94.6	95.6	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	9.7	90.1	93.0	94.7	95.7	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	9.7	90.1	93.0	94.7	95.9	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	9.7	90.1	93.2	94.9	96.3	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	9.7	90.1	93.2	94.9	96.3	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	9.7	90.2	93.3	95.1	96.6	97.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	9.7	90.2	93.3	95.1	96.6	97.5	98.7	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	9.7	90.2	93.3	95.2	96.8	97.8	99.1	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	9.7	90.2	93.3	95.2	96.8	97.8	99.1	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	9.7	90.2	93.3	95.2	96.8	97.8	99.1	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	9.7	90.2	93.3	95.2	96.8	97.8	99.1	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

53

CEILING CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1775

ANDREWS AFB MD

69-70, 73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	5.7	58.4	59.4	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥20000	5.7	62.7	63.7	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥18000	5.7	63.3	64.3	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥16000	5.7	63.4	64.4	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥14000	5.7	64.7	65.7	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥12000	6.1	66.1	67.1	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥10000	6.3	69.4	70.5	71.1	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥9000	6.5	69.9	71.3	71.8	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥8000	6.5	72.0	73.4	74.0	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥7000	6.5	74.0	75.4	75.9	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥6000	6.5	74.8	76.3	76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥5000	6.5	77.7	79.2	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥4500	6.5	79.3	80.6	81.2	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥4000	7.1	83.2	85.1	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥3500	7.3	85.1	86.9	87.7	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥3000	7.3	86.7	88.7	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥2500	7.3	87.5	89.7	91.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥2000	7.3	88.1	90.5	91.8	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥1800	7.3	88.1	90.5	91.8	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥1500	7.3	88.6	91.1	92.6	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥1200	7.3	89.2	91.7	93.2	94.7	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥1000	7.3	89.6	92.3	93.7	95.5	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥900	7.3	89.7	92.2	93.8	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥800	7.3	89.8	92.3	94.0	95.8	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥700	7.3	89.8	92.4	94.2	96.1	96.5	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥600	7.3	89.8	92.4	94.2	96.2	96.7	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥500	7.3	90.0	92.6	94.5	96.8	97.3	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥400	7.3	90.0	92.6	94.5	96.8	97.3	97.7	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥300	7.3	90.0	92.6	94.5	97.0	97.5	98.0	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥200	7.3	90.1	92.7	94.6	97.2	97.7	98.2	98.8	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8
≥100	7.3	90.1	92.7	94.6	97.2	97.7	98.2	98.8	99.1	99.5	99.6	99.6	99.9	99.9	99.9	99.9
≥0	7.3	90.1	92.7	94.6	97.2	97.7	98.2	98.8	99.1	99.5	99.6	99.6	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1775

ANDREWS AFB MD

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	5.3	58.6	59.7	60.0	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 20000	5.4	63.0	64.1	64.4	64.9	64.9	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 18000	5.4	63.1	64.2	64.5	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 16000	5.4	63.1	64.2	64.5	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 14000	5.4	64.5	65.6	65.9	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 12000	5.8	66.9	68.0	68.3	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 10000	6.1	70.1	71.3	71.6	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 9000	6.1	70.4	71.6	72.0	72.7	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 8000	6.2	72.0	73.2	73.8	74.5	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 7000	6.2	73.3	74.7	75.3	76.0	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 6000	6.2	74.3	75.7	76.2	77.0	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 5000	6.2	75.9	77.8	78.6	79.4	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4500	6.2	77.2	79.5	80.2	81.0	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4000	6.2	79.9	82.5	83.4	84.2	84.4	84.4	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3500	6.8	81.1	83.7	84.6	85.5	85.7	85.7	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3000	6.8	82.9	85.6	86.8	87.7	88.1	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2500	6.8	84.1	86.8	88.3	89.4	89.7	89.9	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2000	6.8	84.3	87.1	88.6	89.7	90.0	90.3	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1800	6.8	84.5	87.4	88.9	90.0	90.3	90.6	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1500	6.8	85.6	88.6	90.1	91.3	91.7	92.0	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200	6.8	86.8	89.8	91.3	92.5	92.9	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1000	6.8	87.1	90.2	92.3	93.4	93.9	94.2	94.2	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5
≥ 900	6.8	87.2	90.3	92.4	93.5	94.0	94.3	94.3	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	6.8	87.3	90.5	92.7	93.9	94.3	94.6	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 700	6.8	87.5	91.0	93.1	94.3	94.7	95.1	95.1	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5
≥ 600	6.8	87.7	91.2	93.5	94.9	95.4	95.7	95.9	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 500	6.8	87.7	91.2	93.5	95.1	95.7	96.2	96.5	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 400	6.8	87.8	91.3	93.7	95.2	95.9	96.7	97.2	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	6.8	87.8	91.3	93.7	95.2	95.9	96.8	97.8	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	6.8	87.8	91.3	93.7	95.2	95.9	96.8	97.8	98.4	98.8	99.0	99.0	99.1	99.1	99.2	99.2
≥ 100	6.8	87.8	91.3	93.7	95.2	95.9	96.8	98.0	98.5	98.9	99.1	99.1	99.5	99.6	99.8	99.9
≥ 0	6.8	87.8	91.3	93.7	95.2	95.9	96.8	98.0	98.5	98.9	99.1	99.1	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1575

ANDREWS AFB MD

69-70, 73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.5	53.0	55.1	55.9	56.5	56.6	56.8	56.8	56.9	56.9	57.0	57.0	57.0	57.0	57.1	57.2
≥ 20000	5.7	57.6	59.8	60.8	61.4	61.5	61.7	61.8	61.8	61.8	61.9	61.9	61.9	61.9	62.1	62.1
≥ 18000	5.8	57.9	60.2	61.1	61.7	61.8	62.0	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.4	62.5
≥ 16000	5.8	58.0	60.2	61.1	61.8	61.9	62.1	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.5	62.5
≥ 14000	5.8	59.1	61.3	62.2	62.9	63.0	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.6	63.6
≥ 12000	6.3	60.3	62.6	63.6	64.2	64.3	64.5	64.6	64.6	64.7	64.7	64.7	64.7	64.8	64.9	64.9
≥ 10000	6.1	63.7	66.2	67.2	67.9	68.0	68.2	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.6	68.7
≥ 9000	6.2	64.3	66.9	68.0	68.8	68.9	69.1	69.2	69.3	69.3	69.4	69.4	69.4	69.4	69.5	69.6
≥ 8000	6.2	67.2	69.9	71.2	71.9	72.0	72.3	72.4	72.4	72.5	72.6	72.6	72.6	72.6	72.7	72.8
≥ 7000	6.3	68.6	71.4	72.6	73.4	73.5	73.8	74.0	74.0	74.0	74.1	74.1	74.2	74.2	74.3	74.3
≥ 6000	6.3	69.5	72.3	73.6	74.4	74.5	74.8	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.3	75.3
≥ 5000	6.4	71.7	74.7	76.1	77.0	77.1	77.4	77.5	77.5	77.6	77.7	77.7	77.7	77.7	77.8	77.9
≥ 4500	6.4	72.6	75.8	77.2	78.1	78.2	78.5	78.7	78.7	78.8	78.9	78.9	78.9	78.9	79.0	79.1
≥ 4000	6.6	76.1	79.4	80.9	82.0	82.1	82.5	82.7	82.7	82.7	82.8	82.8	82.9	82.9	83.0	83.1
≥ 3500	6.8	77.2	80.7	82.3	83.4	83.5	83.9	84.1	84.1	84.2	84.3	84.3	84.3	84.3	84.4	84.5
≥ 3000	6.8	78.8	82.6	84.4	85.7	85.9	86.3	86.5	86.5	86.6	86.7	86.7	86.7	86.7	86.9	86.9
≥ 2500	6.8	79.7	83.7	85.6	86.9	87.1	87.6	87.7	87.8	87.8	88.0	88.0	88.0	88.0	88.1	88.2
≥ 2000	6.6	80.4	84.6	86.6	88.0	88.3	88.8	89.0	89.1	89.1	89.2	89.2	89.3	89.3	89.4	89.5
≥ 1800	6.8	80.6	84.7	86.7	88.2	88.5	89.0	89.2	89.3	89.4	89.5	89.5	89.5	89.5	89.6	89.7
≥ 1500	6.8	81.1	85.3	87.5	89.1	89.3	89.9	90.1	90.2	90.3	90.4	90.4	90.5	90.5	90.6	90.6
≥ 1200	6.9	81.9	86.2	88.5	90.1	90.4	91.1	91.3	91.4	91.5	91.6	91.6	91.7	91.7	91.8	91.9
≥ 1000	6.9	82.2	86.5	88.9	90.7	91.1	91.8	92.1	92.2	92.3	92.4	92.4	92.5	92.5	92.6	92.7
≥ 900	6.9	82.2	86.6	89.1	90.8	91.3	92.1	92.3	92.5	92.5	92.7	92.7	92.7	92.7	92.9	92.9
≥ 800	6.9	82.4	86.8	89.3	91.1	91.7	92.5	92.8	92.9	93.0	93.1	93.1	93.2	93.2	93.3	93.4
≥ 700	6.9	82.5	87.0	89.6	91.5	92.1	93.0	93.4	93.5	93.6	93.7	93.7	93.8	93.8	93.9	94.0
≥ 600	6.9	82.5	87.1	89.8	91.8	92.5	93.6	94.0	94.2	94.2	94.4	94.4	94.4	94.4	94.6	94.6
≥ 500	6.9	82.6	87.2	90.0	92.3	93.1	94.4	95.1	95.2	95.3	95.5	95.5	95.5	95.6	95.7	95.8
≥ 400	6.9	82.7	87.3	90.1	92.4	93.4	95.0	95.8	96.1	96.5	96.6	96.6	96.7	96.7	96.8	96.9
≥ 300	6.9	82.7	87.3	90.1	92.5	93.6	95.4	96.5	96.9	97.5	97.7	97.7	97.8	97.8	98.0	98.1
≥ 200	6.9	82.7	87.3	90.2	92.6	93.7	95.6	96.8	97.3	98.0	98.3	98.3	98.5	98.5	98.7	98.9
≥ 100	6.9	82.7	87.3	90.2	92.6	93.7	95.6	96.9	97.4	98.1	98.5	98.5	98.8	98.8	98.9	99.0
≥ 0	6.9	82.7	87.3	90.2	92.6	93.7	95.6	96.9	97.4	98.1	98.5	98.5	98.8	98.9	99.3	99.6

TOTAL NUMBER OF OBSERVATIONS

7440

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1275

ANDREWS AFB MD

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	1.2	53.2	53.8	54.1	54.2	54.3	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.8
≥ 20000	1.2	55.7	56.4	56.8	56.9	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.4
≥ 18000	1.2	55.8	56.6	56.9	57.0	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.6
≥ 16000	1.2	55.9	56.7	57.0	57.1	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.6	57.7
≥ 14000	1.2	56.4	57.2	57.6	57.7	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.2	58.4
≥ 12000	1.2	57.7	58.4	58.8	58.9	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.4	59.7
≥ 10000	1.2	62.3	63.4	64.3	64.4	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9	65.0	65.2
≥ 9000	1.2	62.6	63.7	64.6	64.7	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1	65.2	65.4
≥ 8000	1.2	65.0	66.3	67.2	67.4	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9	68.0	68.2
≥ 7000	1.2	66.3	67.7	68.6	68.8	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.3	69.6
≥ 6000	1.2	69.1	70.4	71.3	71.9	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.4	72.7
≥ 5000	1.4	71.2	72.7	73.6	74.1	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.6	74.7	74.9
≥ 4500	1.4	71.9	73.6	74.4	75.0	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.6	75.8
≥ 4000	1.6	74.1	76.3	77.2	77.9	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.4	78.7
≥ 3500	1.6	75.9	78.1	79.3	80.0	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.6	80.7
≥ 3000	1.6	77.2	79.4	80.8	81.6	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.2	82.4
≥ 2500	1.6	78.2	80.7	82.1	82.9	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.6	83.7
≥ 2000	1.6	79.0	81.7	83.2	84.0	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.6	84.7	84.9
≥ 1800	1.6	79.1	81.9	83.7	84.4	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.1	85.2
≥ 1500	1.6	79.7	82.4	84.3	85.1	85.2	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.8	86.0
≥ 1200	1.6	79.9	82.7	84.6	85.3	85.4	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.9	86.0	86.1
≥ 1000	1.6	80.9	83.7	85.7	86.4	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.1	87.2
≥ 900	1.6	80.9	83.9	85.9	86.7	86.8	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.6	87.7	87.8
≥ 800	1.6	80.9	84.3	86.7	87.6	87.9	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.1	89.2	89.3
≥ 700	1.6	81.3	84.9	87.4	88.4	88.9	89.8	89.9	89.9	90.0	90.0	90.1	90.1	90.2	90.3	90.4
≥ 600	1.6	81.4	85.0	87.6	89.0	89.4	90.3	90.6	90.6	90.7	90.7	90.8	90.8	90.9	91.0	91.1
≥ 500	1.6	81.7	85.4	88.1	89.8	90.4	91.7	92.0	92.0	92.3	92.3	92.4	92.4	92.6	92.7	92.8
≥ 400	1.6	81.7	85.4	88.4	90.8	91.7	93.1	94.1	94.1	94.4	94.4	94.6	94.6	94.7	94.8	95.0
≥ 300	1.6	81.7	85.4	88.4	91.0	91.9	93.9	94.9	95.0	95.6	95.7	95.8	95.8	95.9	96.0	96.2
≥ 200	1.6	81.7	85.4	88.4	91.1	92.1	94.4	95.4	95.6	96.6	96.9	97.0	97.1	97.2	97.3	97.6
≥ 100	1.6	81.7	85.4	88.4	91.1	92.1	94.4	95.8	96.0	97.4	97.9	98.0	98.4	98.6	99.1	99.6
≥ 0	1.6	81.7	85.4	88.4	91.1	92.1	94.4	95.8	96.0	97.4	98.1	98.2	98.7	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	2.4	53.2	54.1	54.7	55.3	55.6	55.8	56.0	56.0	56.1	56.2	56.2	56.3	56.4	56.6	56.6
≥ 20000	2.4	55.7	56.6	57.1	57.8	58.0	58.2	58.4	58.4	58.6	58.7	58.7	58.8	58.9	59.0	59.0
≥ 18000	2.4	55.8	56.7	57.2	57.9	58.1	58.3	58.6	58.6	58.7	58.8	58.8	58.9	59.0	59.1	59.1
≥ 16000	2.4	55.8	56.7	57.2	57.9	58.1	58.3	58.6	58.6	58.7	58.8	58.8	58.9	59.0	59.1	59.1
≥ 14000	2.4	56.0	56.9	57.4	58.1	58.3	58.6	58.8	58.8	58.9	59.0	59.0	59.1	59.2	59.3	59.3
≥ 12000	2.4	57.7	58.6	59.1	59.8	60.0	60.2	60.4	60.4	60.6	60.7	60.7	60.8	60.9	61.1	61.1
≥ 10000	2.4	61.2	62.1	62.8	63.4	63.7	63.9	64.1	64.1	64.2	64.3	64.3	64.4	64.6	64.8	64.8
≥ 9000	2.4	61.7	62.6	63.2	63.9	64.1	64.3	64.6	64.6	64.7	64.8	64.8	64.9	65.0	65.2	65.2
≥ 8000	2.4	63.6	64.4	65.4	66.1	66.3	66.6	66.8	66.8	66.9	67.0	67.0	67.1	67.2	67.4	67.4
≥ 7000	2.4	64.8	65.7	66.7	67.3	67.6	67.8	68.0	68.0	68.1	68.2	68.2	68.3	68.4	68.7	68.7
≥ 6000	2.4	67.3	68.3	69.3	70.2	70.4	70.7	70.9	70.9	71.0	71.1	71.1	71.2	71.3	71.6	71.6
≥ 5000	2.4	70.3	71.4	72.4	73.3	73.6	73.8	74.1	74.1	74.2	74.3	74.3	74.4	74.6	74.8	74.8
≥ 4500	2.4	70.9	72.1	73.1	74.0	74.2	74.4	74.8	74.8	74.9	75.0	75.0	75.1	75.2	75.4	75.4
≥ 4000	2.4	73.0	74.2	75.2	76.1	76.3	76.6	76.9	76.9	77.0	77.1	77.1	77.2	77.3	77.6	77.6
≥ 3500	2.4	73.7	75.7	76.7	77.6	77.8	78.0	78.3	78.3	78.4	78.6	78.6	78.7	78.8	79.0	79.0
≥ 3000	2.4	75.3	77.4	78.4	79.3	79.6	79.8	80.1	80.1	80.2	80.4	80.4	80.6	80.7	80.9	80.9
≥ 2500	2.4	76.8	79.4	80.6	81.6	81.8	82.0	82.3	82.3	82.4	82.7	82.7	82.8	82.9	83.1	83.1
≥ 2000	2.4	77.3	80.0	81.1	82.2	82.6	82.9	83.2	83.2	83.3	83.6	83.6	83.7	83.8	84.0	84.0
≥ 1800	2.4	77.3	80.0	81.1	82.2	82.6	82.9	83.2	83.2	83.3	83.6	83.6	83.7	83.8	84.0	84.0
≥ 1500	2.4	78.4	81.3	82.4	83.7	84.0	84.3	84.7	84.7	84.8	85.0	85.0	85.1	85.2	85.4	85.4
≥ 1200	2.4	79.0	82.0	83.2	84.4	84.8	85.3	85.7	85.7	85.8	86.0	86.0	86.1	86.2	86.4	86.4
≥ 1000	2.4	79.3	82.6	83.9	85.2	85.6	86.1	86.4	86.4	86.6	86.8	86.8	86.9	87.0	87.2	87.2
≥ 900	2.4	79.3	82.6	83.9	85.2	85.6	86.3	86.7	86.7	86.8	87.0	87.0	87.1	87.2	87.4	87.4
≥ 800	2.4	79.4	82.9	84.9	86.2	86.6	87.4	87.8	87.8	88.0	88.3	88.3	88.4	88.6	88.8	88.8
≥ 700	2.4	79.6	83.4	85.7	87.2	87.6	88.7	89.1	89.1	89.3	89.7	89.7	89.8	89.9	90.1	90.1
≥ 600	2.4	79.8	83.8	86.0	87.7	88.0	89.1	89.6	89.6	89.8	90.2	90.2	90.3	90.4	90.7	90.7
≥ 500	2.4	80.1	84.2	86.6	88.7	89.0	90.2	90.8	90.8	91.1	91.6	91.6	91.7	91.8	92.0	92.0
≥ 400	2.4	80.2	84.3	86.7	89.1	89.4	90.8	91.4	91.8	92.3	92.9	93.0	93.1	93.2	93.4	93.4
≥ 300	2.4	80.2	84.3	86.7	89.2	89.6	91.4	92.4	93.0	94.1	94.7	94.9	95.0	95.1	95.3	95.3
≥ 200	2.4	80.2	84.3	86.7	89.3	89.7	91.8	93.1	93.9	95.6	96.2	96.4	96.7	96.8	97.0	97.0
≥ 100	2.4	80.2	84.3	86.7	89.3	89.7	91.8	93.3	94.1	96.0	96.8	97.0	97.3	97.6	98.7	99.0
≥ 0	2.4	80.2	84.3	86.7	89.3	89.7	91.8	93.3	94.1	96.0	96.8	97.0	97.3	97.6	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13.5

ANDREWS AFB MD

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	2.6	46.2	48.7	49.8	50.7	51.0	51.2	51.6	51.6	51.7	51.8	51.8	51.8	51.8	52.0	53.0
≥ 20000	2.7	49.6	52.4	53.9	54.8	55.1	55.3	55.8	55.9	56.0	56.1	56.1	56.1	56.1	56.3	57.3
≥ 18000	2.7	49.9	52.8	54.2	55.1	55.4	55.7	56.1	56.2	56.3	56.4	56.4	56.4	56.4	56.7	57.7
≥ 16000	2.7	50.2	53.1	54.6	55.4	55.8	56.0	56.4	56.6	56.7	56.8	56.8	56.8	56.8	57.0	58.0
≥ 14000	2.7	50.9	53.8	55.2	56.1	56.4	56.7	57.1	57.2	57.3	57.4	57.4	57.4	57.4	57.7	58.7
≥ 12000	2.7	52.6	55.6	57.1	58.0	58.3	58.8	59.2	59.4	59.6	59.7	59.7	59.7	59.7	59.9	60.9
≥ 10000	2.9	55.7	58.9	60.7	61.7	62.0	62.4	63.0	63.2	63.3	63.6	63.6	63.6	63.6	63.8	64.9
≥ 9000	2.9	56.4	59.8	61.6	62.6	63.0	63.4	64.0	64.2	64.3	64.6	64.6	64.6	64.6	64.8	65.9
≥ 8000	3.0	60.1	63.6	65.9	67.1	67.6	68.0	68.7	68.9	69.0	69.2	69.2	69.2	69.2	69.4	70.6
≥ 7000	3.0	60.4	63.9	66.2	67.4	67.9	68.3	69.0	69.2	69.3	69.6	69.6	69.6	69.6	69.8	70.9
≥ 6000	3.0	61.3	64.8	67.1	68.3	68.8	69.2	69.9	70.1	70.2	70.4	70.4	70.4	70.4	70.7	71.8
≥ 5000	3.0	63.9	67.7	70.3	71.7	72.1	72.6	73.2	73.4	73.6	73.8	73.8	73.8	73.8	74.0	75.1
≥ 4500	3.0	65.3	69.1	71.8	73.1	73.6	74.0	74.7	74.9	75.0	75.2	75.2	75.2	75.2	75.4	76.6
≥ 4000	3.0	67.7	71.8	74.4	75.8	76.2	76.7	77.3	77.6	77.7	77.9	77.9	77.9	77.9	78.1	79.2
≥ 3500	3.0	68.3	72.8	75.7	77.0	77.4	78.0	78.7	78.9	79.0	79.2	79.2	79.2	79.2	79.4	80.6
≥ 3000	3.0	69.0	73.9	76.9	78.3	78.9	79.4	80.1	80.3	80.4	80.7	80.7	80.7	80.7	80.9	82.0
≥ 2500	3.0	70.7	75.7	78.7	80.3	80.9	81.6	82.2	82.4	82.6	82.8	82.8	82.8	82.8	83.0	84.1
≥ 2000	3.0	70.8	75.9	79.0	80.7	81.2	82.0	82.7	82.9	83.0	83.2	83.2	83.2	83.2	83.4	84.6
≥ 1800	3.0	70.8	75.9	79.1	80.8	81.3	82.1	82.8	83.0	83.1	83.3	83.3	83.3	83.3	83.6	84.7
≥ 1500	3.0	71.3	76.8	80.2	81.9	82.6	83.4	84.1	84.3	84.4	84.7	84.7	84.7	84.7	84.9	86.0
≥ 1200	3.0	71.6	77.2	80.9	82.7	83.4	84.3	85.0	85.2	85.3	85.6	85.6	85.6	85.6	85.8	86.9
≥ 1000	3.0	71.8	77.8	81.6	83.4	84.2	85.1	85.8	86.0	86.1	86.3	86.3	86.3	86.3	86.6	87.7
≥ 900	3.0	71.8	77.8	81.6	83.4	84.2	85.2	86.0	86.2	86.3	86.6	86.6	86.6	86.6	86.8	87.9
≥ 800	3.0	71.8	77.9	81.9	83.8	84.6	85.7	86.7	86.9	87.0	87.2	87.2	87.2	87.2	87.4	88.6
≥ 700	3.0	71.9	78.2	82.3	84.2	85.0	86.4	87.6	87.8	87.9	88.1	88.1	88.1	88.1	88.3	89.4
≥ 600	3.0	72.0	78.3	82.6	84.7	85.6	87.1	88.2	88.4	88.6	88.8	88.8	88.8	88.8	89.0	90.1
≥ 500	3.0	72.3	78.7	82.9	85.3	86.6	88.1	89.2	89.7	89.9	90.1	90.1	90.1	90.1	90.3	91.4
≥ 400	3.0	72.3	78.7	83.0	85.6	86.8	88.7	90.2	90.7	91.0	91.2	91.2	91.2	91.2	91.4	92.6
≥ 300	3.0	72.4	78.9	83.3	86.0	87.3	89.9	91.9	92.3	93.0	93.4	93.4	93.4	93.4	93.7	94.8
≥ 200	3.0	72.4	78.9	83.3	86.0	87.3	90.1	92.4	93.1	94.1	95.0	95.1	96.0	96.0	96.3	97.6
≥ 100	3.0	72.4	78.9	83.3	86.0	87.3	90.1	92.4	93.1	94.2	95.2	95.3	96.6	96.6	97.1	98.9
≥ 0	3.0	72.4	78.9	83.3	86.0	87.3	90.1	92.4	93.1	94.2	95.2	95.3	96.6	96.6	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	3.4	48.0	50.0	51.0	51.6	51.8	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.3
≥ 20000	3.8	53.0	55.2	56.4	57.0	57.2	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.8
≥ 18000	3.8	53.2	55.4	56.8	57.3	57.6	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.1
≥ 16000	3.8	53.4	55.7	57.0	57.6	57.8	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.3
≥ 14000	3.8	54.1	56.3	57.8	58.3	58.6	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.1
≥ 12000	4.0	56.0	58.2	59.7	60.2	60.4	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	61.0
≥ 10000	4.3	60.7	63.0	64.4	65.3	65.6	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.6
≥ 9000	4.3	61.1	63.6	65.0	65.9	66.1	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	67.1
≥ 8000	4.3	65.0	67.6	69.2	70.2	70.4	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.4
≥ 7000	4.3	66.4	69.0	70.8	71.8	72.0	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	73.0
≥ 6000	4.3	66.9	69.4	71.2	72.2	72.4	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4
≥ 5000	4.7	69.2	72.0	74.3	75.3	75.6	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.8
≥ 4500	4.7	69.8	72.6	74.9	75.9	76.1	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.3
≥ 4000	4.7	71.2	74.3	76.8	77.8	78.4	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.8
≥ 3500	4.7	71.8	74.9	77.6	78.8	79.6	80.2	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.0
≥ 3000	4.7	72.7	76.0	78.7	79.9	80.7	81.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	82.1
≥ 2500	4.7	73.1	76.9	79.6	80.8	81.7	82.4	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.3
≥ 2000	4.7	73.4	77.4	80.1	81.4	82.3	83.2	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	84.1
≥ 1800	4.7	73.4	77.6	80.2	81.6	82.4	83.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.2
≥ 1500	4.7	73.9	78.0	80.8	82.2	83.3	84.2	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.1
≥ 1200	4.7	74.3	78.7	81.7	83.2	84.3	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.1
≥ 1000	4.7	74.9	79.3	82.7	84.2	85.3	86.3	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.3
≥ 900	4.7	75.0	79.7	83.0	84.7	85.8	86.8	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.8
≥ 800	4.7	75.4	80.1	83.4	85.1	86.3	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.7
≥ 700	4.7	75.6	80.2	83.7	85.6	86.9	88.1	88.9	88.9	89.0	89.0	89.0	89.0	89.1	89.1	89.4
≥ 600	4.7	75.7	80.4	84.0	86.6	88.1	89.3	90.2	90.2	90.3	90.3	90.3	90.3	90.4	90.4	90.8
≥ 500	4.7	75.7	80.4	84.1	87.1	89.1	90.8	91.9	92.1	92.2	92.2	92.2	92.2	92.3	92.3	92.7
≥ 400	4.7	75.7	80.4	84.1	87.3	89.4	92.0	93.6	93.8	93.9	94.0	94.1	94.1	94.1	94.1	94.4
≥ 300	4.7	75.7	80.4	84.1	87.7	89.9	92.7	94.8	95.4	96.0	96.2	96.3	96.7	96.7	96.8	97.1
≥ 200	4.7	75.7	80.4	84.1	87.7	89.9	92.7	95.1	96.0	97.1	97.6	97.8	98.6	98.6	98.7	99.1
≥ 100	4.7	75.7	80.4	84.1	87.7	89.9	92.7	95.1	96.0	97.1	97.6	97.8	98.7	98.7	98.8	99.8
≥ 0	4.7	75.7	80.4	84.1	87.7	89.9	92.7	95.1	96.0	97.1	97.6	97.8	98.7	98.7	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13715

ANDREWS AFB MD

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	3.4	44.9	46.1	46.1	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 20000	4.3	51.2	52.6	52.6	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 18000	4.3	52.1	53.4	53.4	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 16000	4.3	52.6	53.9	53.9	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 14000	4.3	52.8	54.1	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 12000	4.4	54.9	56.2	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 10000	5.0	59.3	60.7	60.8	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 9000	5.0	59.4	60.8	60.9	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 8000	5.1	63.4	65.2	65.6	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 7000	5.1	64.4	66.3	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 6000	5.2	65.4	67.6	68.0	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 5000	5.6	68.9	71.1	71.7	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 4500	5.9	70.0	72.2	72.8	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 4000	6.1	75.1	77.6	78.1	78.4	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 3500	6.2	76.7	79.1	79.9	80.2	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3000	6.4	79.3	81.9	82.8	83.4	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2500	6.4	79.9	82.8	83.9	84.6	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2000	6.4	81.2	84.2	85.8	86.6	86.9	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1800	6.4	81.6	84.7	86.3	87.1	87.4	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1500	6.4	82.8	86.1	87.9	88.7	89.1	89.4	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1200	6.4	83.1	86.7	88.6	89.3	89.9	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1000	6.4	83.3	87.1	89.0	89.9	90.6	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 900	6.4	83.4	87.2	89.1	90.1	90.9	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4
≥ 800	6.4	83.6	87.7	89.6	90.6	91.6	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3
≥ 700	6.4	83.6	87.7	89.8	91.0	92.6	93.3	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6
≥ 600	6.4	83.6	87.9	90.0	91.6	93.7	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8
≥ 500	6.4	83.6	87.9	90.1	91.7	94.2	95.9	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 400	6.4	83.7	88.0	90.2	91.8	94.7	96.6	97.4	97.4	97.4	97.8	97.8	97.8	97.8	97.8	97.8
≥ 300	6.4	83.7	88.0	90.2	91.8	94.8	96.8	97.9	98.1	98.1	98.6	98.6	98.6	98.6	98.7	98.7
≥ 200	6.4	83.7	88.0	90.2	91.8	94.8	96.8	98.0	98.2	98.2	99.0	99.2	99.2	99.3	99.4	99.7
≥ 100	6.4	83.7	88.0	90.2	91.8	94.8	96.8	98.0	98.2	98.2	99.0	99.2	99.2	99.4	99.6	100.0
≥ 0	6.4	83.7	88.0	90.2	91.8	94.8	96.8	98.0	98.2	98.2	99.0	99.2	99.2	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1775

ANDREWS AFB MD

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	3.2	45.0	45.3	45.8	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 20000	4.3	53.7	54.0	54.4	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 18000	4.3	53.9	54.2	54.7	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 16000	4.3	54.6	54.9	55.3	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 14000	4.3	55.7	56.0	56.4	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 12000	4.3	57.4	58.0	58.6	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 10000	4.8	62.4	63.0	63.7	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 9000	4.8	63.2	63.8	64.4	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 8000	4.8	65.9	67.0	68.0	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 7000	4.8	67.7	68.9	69.9	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 6000	4.9	68.3	69.8	70.9	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 5000	5.0	70.4	72.3	73.4	73.8	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 4500	5.3	71.6	73.7	74.8	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 4000	5.6	75.7	77.8	79.1	79.4	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3500	5.6	77.0	79.3	81.8	81.1	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3000	5.6	79.0	82.3	84.2	84.8	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2500	5.6	80.0	83.3	85.3	86.3	86.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2000	5.6	80.9	84.3	86.4	87.7	87.9	88.3	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1800	5.6	81.2	84.8	87.0	88.2	88.4	88.9	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1500	5.6	81.4	85.1	87.6	89.2	89.6	90.0	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1200	5.6	81.8	85.8	88.4	90.6	90.9	91.4	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1000	5.6	82.0	86.1	88.9	91.2	91.8	92.2	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900	5.6	82.0	86.1	88.9	91.4	92.0	92.7	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 800	5.6	82.1	86.3	89.1	91.7	92.4	93.1	93.4	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 700	5.6	82.2	86.7	89.4	92.1	92.9	93.8	94.4	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 600	5.6	82.2	86.7	89.4	92.1	93.0	94.0	94.7	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500	5.6	82.2	86.7	89.4	92.1	93.3	94.6	95.6	95.8	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 400	5.6	82.3	86.8	89.6	92.2	93.7	95.2	96.6	96.9	97.4	97.6	97.6	97.6	97.6	97.6	97.6
≥ 300	5.6	82.3	86.8	89.6	92.2	93.7	95.4	96.9	97.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 200	5.6	82.3	86.8	89.6	92.2	93.8	95.8	97.4	97.8	98.8	99.0	99.1	99.1	99.2	99.4	99.4
≥ 100	5.6	82.3	86.8	89.6	92.2	93.8	95.8	97.4	97.8	98.8	99.0	99.1	99.1	99.2	99.4	99.9
≥ 0	5.6	82.3	86.8	89.6	92.2	93.8	95.8	97.4	97.8	98.8	99.0	99.1	99.1	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1775

ANDREWS AFB MD

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	3.2	52.6	52.8	53.8	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2
≥ 20000	3.2	58.9	59.1	60.2	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.7
≥ 18000	3.2	59.0	59.2	60.3	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8
≥ 16000	3.2	59.3	59.6	60.7	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1
≥ 14000	3.2	60.2	60.6	61.7	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.1
≥ 12000	3.3	62.4	63.1	64.2	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7
≥ 10000	3.6	66.2	67.2	68.4	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9
≥ 9000	3.6	67.0	68.0	69.2	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7
≥ 8000	3.6	68.9	70.3	71.8	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4
≥ 7000	3.6	70.4	72.0	73.6	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2
≥ 6000	3.6	71.1	72.8	74.8	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4
≥ 5000	3.6	74.2	75.9	77.9	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.6
≥ 4500	3.6	75.1	76.8	78.8	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4
≥ 4000	3.6	78.3	80.1	82.6	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3
≥ 3500	3.6	79.7	81.4	83.9	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7
≥ 3000	3.6	80.9	83.0	85.6	86.3	86.3	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.8
≥ 2500	3.6	81.3	83.6	86.2	87.2	87.2	87.3	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.7
≥ 2000	3.6	81.9	84.3	87.2	88.3	88.3	88.4	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.8
≥ 1800	3.6	81.9	84.3	87.2	88.3	88.3	88.4	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.8
≥ 1500	3.6	82.3	84.8	87.9	89.3	89.3	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.3
≥ 1200	3.6	82.4	85.1	88.4	90.1	90.2	91.0	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.6
≥ 1000	3.6	82.4	85.2	88.9	90.6	90.9	91.8	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.3
≥ 900	3.6	82.6	85.4	89.1	90.8	91.1	92.0	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.6
≥ 800	3.6	82.6	85.6	89.3	91.1	91.6	92.4	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.1
≥ 700	3.6	82.6	85.6	89.3	91.4	91.9	92.9	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.6
≥ 600	3.6	82.6	85.6	89.4	91.6	92.2	93.2	93.6	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.1
≥ 500	3.6	82.6	85.6	89.7	91.9	92.8	93.9	94.3	94.4	94.7	94.9	94.9	94.9	94.9	94.9	95.0
≥ 400	3.6	82.7	85.7	89.8	92.2	93.3	94.8	95.4	95.6	95.9	96.4	96.4	96.4	96.4	96.4	96.6
≥ 300	3.6	82.7	85.7	89.8	92.3	93.6	95.1	96.1	96.4	96.8	97.3	97.3	97.3	97.3	97.3	97.4
≥ 200	3.6	82.7	85.7	89.8	92.4	93.7	95.7	96.8	97.2	98.0	98.7	98.7	98.7	98.8	98.8	98.9
≥ 100	3.6	82.7	85.7	89.8	92.4	93.7	95.7	96.8	97.2	98.2	98.9	98.9	98.9	98.9	99.0	99.8
≥ 0	3.6	82.7	85.7	89.8	92.4	93.7	95.7	96.8	97.2	98.2	98.9	98.9	98.9	98.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1:7 5

ANDREWS AFB MD

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	2.2	56.2	57.0	57.6	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.1
≥ 20000	2.3	60.1	63.9	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	62.1
≥ 18000	2.3	63.2	61.1	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.3
≥ 16000	2.3	60.6	61.4	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.7
≥ 14000	2.3	62.1	63.2	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.4
≥ 12000	2.4	62.9	64.0	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.2
≥ 10000	2.9	65.8	67.4	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.9
≥ 9000	2.9	66.0	67.7	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.1
≥ 8000	2.9	68.1	69.9	70.9	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.6
≥ 7000	2.9	70.1	71.2	72.9	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.8
≥ 6000	2.9	71.7	73.4	74.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.3
≥ 5000	2.9	74.0	75.8	76.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.7
≥ 4500	2.9	74.9	76.8	77.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.7
≥ 4000	2.9	77.0	79.1	80.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.9
IV 3500	2.9	77.8	81.2	81.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.2
IV 3000	2.9	79.2	81.9	83.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.3
≥ 2500	2.9	79.9	83.1	85.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.8
IV 2000	2.9	80.0	83.6	86.0	87.2	87.3	87.4	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.9
≥ 1800	2.9	80.0	83.7	86.1	87.3	87.4	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	88.1
IV 1500	2.9	80.2	84.0	86.6	87.8	87.9	88.0	88.0	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.7
≥ 1200	2.9	80.3	84.1	86.9	88.1	88.2	88.3	88.3	88.4	88.7	88.7	88.7	88.7	88.7	88.7	89.0
IV 1000	2.9	80.3	84.6	87.3	88.6	88.7	88.9	88.9	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.6
≥ 900	2.9	80.8	85.0	87.8	89.0	89.1	89.3	89.3	89.4	89.7	89.7	89.7	89.7	89.7	89.7	90.0
IV 800	2.9	81.3	85.7	88.9	90.1	90.2	90.7	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.4
≥ 700	2.9	81.3	85.7	88.9	90.2	90.3	90.9	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.7
IV 600	2.9	81.4	85.8	89.4	91.1	91.3	91.9	92.0	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.7
≥ 500	2.9	81.7	86.0	89.9	91.7	92.0	92.7	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.4
IV 400	2.9	81.7	86.1	90.2	92.3	92.8	94.3	95.2	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.9
≥ 300	2.9	81.7	86.1	90.2	92.4	92.9	94.8	96.0	96.2	96.9	97.0	97.0	97.0	97.0	97.0	97.3
IV 200	2.9	81.7	86.1	90.2	92.4	93.1	95.2	96.7	96.9	98.0	98.1	98.1	98.2	98.2	98.2	98.6
≥ 100	2.9	81.7	86.1	90.2	92.4	93.2	95.4	96.9	97.1	98.2	98.3	98.3	98.6	98.6	98.6	99.6
IV 0	2.9	81.7	86.1	90.2	92.4	93.2	95.4	96.9	97.1	98.2	98.3	98.3	98.6	98.6	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC

FORM
JUL 64

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

177 5

ANDREWS AFB MD

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	2.7	49.9	51.0	51.6	52.0	52.1	52.2	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.5	52.7
≥ 20000	3.0	54.7	55.9	56.6	57.0	57.1	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.8
≥ 18000	3.0	55.0	56.2	56.9	57.3	57.4	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8	58.1
≥ 16000	3.0	55.3	56.5	57.2	57.6	57.7	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.4
≥ 14000	3.0	56.0	57.3	58.0	58.4	58.5	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.9	59.2
≥ 12000	3.1	57.7	59.0	59.8	60.2	60.3	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.7	60.8	61.0
≥ 10000	3.4	61.7	63.7	64.2	64.6	64.8	64.9	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.3	65.5
≥ 9000	3.4	62.2	63.7	64.7	65.1	65.3	65.5	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.8	66.1
≥ 8000	3.4	65.0	66.8	68.0	68.6	68.7	68.9	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.3	69.5
≥ 7000	3.4	66.3	68.2	69.4	70.0	70.2	70.3	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.7	70.9
≥ 6000	3.4	67.7	69.6	70.9	71.5	71.7	71.9	72.0	72.0	72.1	72.1	72.1	72.1	72.2	72.2	72.5
≥ 5000	3.4	70.3	72.4	73.8	74.5	74.6	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.5
≥ 4500	3.7	71.2	73.3	74.8	75.5	75.6	75.8	76.0	76.0	76.1	76.1	76.1	76.1	76.2	76.2	76.5
≥ 4000	3.7	74.0	76.4	78.0	78.8	79.0	79.2	79.4	79.4	79.5	79.5	79.5	79.5	79.6	79.6	79.9
≥ 3500	3.7	75.1	77.7	79.5	80.3	80.5	80.8	80.9	81.0	81.0	81.0	81.0	81.1	81.1	81.2	81.4
≥ 3000	3.9	76.6	79.5	81.4	82.3	82.6	82.9	83.1	83.1	83.2	83.2	83.2	83.2	83.3	83.3	83.6
≥ 2500	3.8	77.5	81.7	82.7	83.8	84.0	84.4	84.6	84.6	84.7	84.7	84.7	84.7	84.8	84.8	85.1
≥ 2000	3.8	78.1	81.4	83.6	84.8	85.1	85.5	85.7	85.8	85.8	85.9	85.9	85.9	85.9	86.0	86.3
≥ 1800	3.8	78.2	81.6	83.8	85.0	85.3	85.7	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.3	86.5
≥ 1500	3.8	78.8	82.3	84.7	86.0	86.4	86.9	87.1	87.2	87.3	87.3	87.3	87.4	87.4	87.5	87.7
≥ 1200	3.8	79.1	82.8	85.3	86.7	87.2	87.7	88.0	88.0	88.2	88.2	88.2	88.2	88.3	88.3	88.6
≥ 1000	3.8	79.4	83.3	86.0	87.4	87.9	88.5	88.8	88.9	89.0	89.0	89.0	89.1	89.1	89.2	89.4
≥ 900	3.9	79.5	83.5	86.2	87.7	88.2	88.9	89.2	89.2	89.3	89.4	89.4	89.4	89.5	89.5	89.8
≥ 800	3.8	79.6	83.8	86.7	88.3	88.9	89.7	90.1	90.2	90.3	90.4	90.4	90.4	90.5	90.5	90.8
≥ 700	3.8	79.8	84.0	87.1	88.8	89.5	90.5	90.9	91.0	91.2	91.3	91.3	91.3	91.3	91.4	91.7
≥ 600	3.8	79.8	84.2	87.3	89.3	90.2	91.2	91.7	91.8	92.0	92.1	92.1	92.1	92.1	92.2	92.5
≥ 500	3.8	80.0	84.4	87.6	89.8	90.9	92.2	92.8	93.0	93.2	93.4	93.4	93.4	93.4	93.5	93.8
≥ 400	3.8	80.0	84.4	87.8	90.2	91.5	93.2	94.3	94.4	94.8	95.0	95.0	95.0	95.1	95.1	95.4
≥ 300	3.8	80.0	84.5	87.8	90.3	91.7	93.8	95.1	95.5	96.1	96.4	96.5	96.5	96.6	96.6	96.9
≥ 200	3.8	80.0	84.5	87.8	90.4	91.8	94.1	95.6	96.1	97.1	97.6	97.7	98.0	98.0	98.2	98.5
≥ 100	3.8	80.0	84.5	87.8	90.4	91.8	94.1	95.7	96.2	97.4	97.9	98.0	98.4	98.5	98.9	99.6
≥ 0	3.8	80.0	84.5	87.8	90.4	91.8	94.1	95.7	96.2	97.4	97.9	98.0	98.4	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

69-70, 73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 3/16	≥ ¼	≥ 0
NO CEILING	4.0	53.4	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.3
≥ 20000	4.0	56.1	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	57.0
≥ 18000	4.0	56.3	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	57.2
≥ 16000	4.0	56.3	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	57.2
≥ 14000	4.0	56.9	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.7
≥ 12000	4.0	58.3	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	59.1
≥ 10000	4.2	63.0	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.9
≥ 9000	4.2	63.7	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.5
≥ 8000	4.3	65.4	65.7	65.8	65.9	65.9	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.5
≥ 7000	4.3	66.7	67.0	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.7
≥ 6000	4.3	67.8	68.2	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.9
≥ 5000	4.4	71.9	72.4	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	73.1
≥ 4500	4.4	73.1	73.5	73.7	73.8	73.8	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.3
≥ 4000	4.4	76.8	77.6	78.1	78.3	78.3	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.8
≥ 3500	4.4	78.2	79.0	79.6	79.8	79.8	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.3
≥ 3000	4.4	79.4	80.2	81.2	81.5	81.5	81.6	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	82.3
≥ 2500	4.4	80.5	81.6	82.7	83.0	83.0	83.1	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.8
≥ 2000	4.4	82.9	84.1	85.3	85.6	85.6	85.7	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.3
≥ 1800	4.4	82.9	84.2	85.5	85.8	85.8	85.9	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.5
≥ 1500	4.4	83.3	84.6	86.1	86.5	86.5	86.7	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.3
≥ 1200	4.4	83.8	85.3	86.9	87.3	87.3	87.5	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	88.2
≥ 1000	4.4	84.0	85.5	87.1	87.7	87.7	88.0	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.9
≥ 900	4.4	84.3	86.1	87.8	88.5	88.5	88.7	89.0	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.7
≥ 800	4.4	84.7	86.6	88.3	88.9	88.9	89.1	89.5	89.7	89.7	89.8	89.8	89.8	89.8	89.8	90.1
≥ 700	4.4	84.8	86.7	88.4	89.0	89.0	89.2	89.6	89.8	89.8	89.9	89.9	89.9	89.9	89.9	90.2
≥ 600	4.4	85.4	87.2	88.9	89.7	89.7	89.9	90.2	90.4	90.8	90.9	90.9	90.9	90.9	90.9	91.2
≥ 500	4.4	85.5	87.4	89.2	90.3	90.3	90.8	91.1	91.3	91.6	91.7	91.7	91.7	91.7	91.7	92.0
≥ 400	4.4	85.5	87.4	89.7	91.4	91.4	91.9	92.5	92.7	93.0	93.1	93.1	93.1	93.1	93.1	93.4
≥ 300	4.4	85.8	87.7	90.0	91.7	91.8	93.1	94.1	94.5	94.9	95.1	95.1	95.1	95.1	95.1	95.7
≥ 200	4.4	85.8	87.8	90.1	91.8	91.9	93.2	94.2	95.2	96.0	96.2	96.2	96.2	96.2	96.2	97.1
≥ 100	4.4	85.8	87.8	90.1	91.8	91.9	93.2	94.2	95.2	96.3	97.0	97.0	97.5	97.6	97.8	99.0
≥ 0	4.4	85.8	87.8	90.1	91.8	91.9	93.2	94.2	95.2	96.3	97.0	97.0	97.5	97.6	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC

FORM
JUL 64

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

177 5 ANDREWS AFB MD

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	4.6	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 20000	4.6	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 18000	4.6	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 16000	4.6	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 14000	4.6	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 12000	4.6	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 10000	4.8	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 9000	4.8	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 8000	4.9	66.0	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 7000	4.9	67.0	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 6000	4.9	68.4	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 5000	5.1	71.2	71.7	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4500	5.1	72.2	72.8	73.1	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 4000	5.1	75.8	76.9	77.2	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 3500	5.1	77.5	78.6	78.9	79.5	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 3000	5.1	78.7	80.1	80.6	81.3	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 2500	5.1	79.6	81.1	81.7	82.4	82.5	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 2000	5.1	81.0	82.6	83.4	84.1	84.2	84.3	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1800	5.1	81.3	82.9	83.8	84.4	84.5	84.6	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1500	5.1	82.0	83.7	84.5	85.2	85.3	85.5	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1200	5.1	82.4	84.3	85.3	85.9	86.0	86.2	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1000	5.1	83.1	85.1	86.2	87.1	87.2	87.6	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 900	5.1	83.3	85.3	86.8	87.6	87.7	88.2	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 800	5.1	84.1	85.9	87.5	88.4	88.5	88.9	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 700	5.1	84.6	86.8	88.5	89.7	89.8	90.4	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 600	5.1	85.1	87.2	88.9	90.3	90.4	91.1	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 500	5.1	85.1	87.3	89.1	90.6	90.9	91.6	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4
≥ 400	5.1	85.2	87.4	89.2	91.2	91.7	92.7	93.8	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2
≥ 300	5.1	85.5	88.0	89.8	91.7	92.3	93.3	94.8	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6
≥ 200	5.1	85.5	88.0	89.8	91.7	92.3	93.5	95.4	95.8	96.5	96.9	96.9	97.0	97.0	97.0	97.3
≥ 100	5.1	85.5	88.0	89.8	91.7	92.3	93.5	95.4	95.8	96.6	97.4	97.4	98.0	98.0	98.2	98.8
≥ 0	5.1	85.5	88.0	89.8	91.7	92.3	93.5	95.4	95.8	96.6	97.4	97.4	98.0	98.0	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS

931

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

177 5
STATION

ANDREWS AFB MD
STATION NAME

69-70,73-87
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0600
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	3.8	48.1	48.9	49.1	49.5	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 20000	3.8	52.3	53.3	53.7	54.0	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 18000	3.8	52.4	53.4	53.8	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 16000	3.8	52.6	53.7	54.0	54.3	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 14000	3.8	53.4	54.5	54.8	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 12000	3.9	54.7	55.8	56.2	56.6	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 10000	4.2	60.5	61.6	62.0	62.4	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 9000	4.2	61.1	62.2	62.6	62.9	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 8000	4.2	64.2	65.5	65.9	66.2	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 7000	4.2	64.5	66.2	66.7	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 6000	4.2	67.4	68.7	69.1	69.5	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 5000	4.4	70.3	71.8	72.4	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 4500	4.4	71.7	73.2	73.8	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 4000	4.4	74.6	76.1	76.9	77.6	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3500	4.4	75.5	77.1	77.8	78.6	78.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 3000	4.4	76.5	78.6	79.6	80.4	80.8	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 2500	4.4	77.7	80.1	81.2	82.0	82.4	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2000	4.4	77.8	80.3	81.8	82.7	83.0	83.7	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1800	4.4	78.1	80.5	82.0	82.9	83.2	83.9	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1500	4.4	78.4	80.9	82.5	83.4	83.9	84.7	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1200	4.4	79.2	82.0	83.8	84.8	85.3	86.2	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1000	4.4	80.2	83.0	84.7	85.9	86.6	87.6	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 900	4.4	81.1	84.1	85.7	87.0	87.6	88.7	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 800	4.4	81.4	84.3	86.0	87.3	88.0	89.0	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 700	4.4	82.4	85.4	87.5	88.9	89.6	90.8	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 600	4.4	82.4	85.7	88.1	89.8	90.4	91.8	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 500	4.4	82.6	85.9	88.3	90.1	91.2	92.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 400	4.4	82.6	86.1	88.8	91.0	92.2	93.7	94.7	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 300	4.4	82.6	86.1	88.8	91.0	92.3	94.3	95.5	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 200	4.4	82.6	86.1	88.8	91.1	92.4	94.5	95.8	96.9	97.6	97.7	97.7	97.7	97.7	97.7	98.1
≥ 100	4.4	82.6	86.1	88.8	91.1	92.4	94.5	95.8	97.0	97.8	98.2	98.2	98.2	98.2	98.3	99.0
≥ 0	4.4	82.6	86.1	88.8	91.1	92.4	94.5	95.8	97.0	97.8	98.2	98.2	98.2	98.2	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 931

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

137.5

ANDREWS AFB MD

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	4.2	44.2	44.8	45.7	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥20000	4.4	50.1	51.0	51.8	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥18000	4.4	50.2	51.1	51.9	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥16000	4.4	50.3	51.2	52.0	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥14000	4.5	51.9	52.8	53.7	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥12000	4.6	54.1	54.9	55.8	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥10000	4.9	60.3	61.3	62.3	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥9000	4.9	60.9	61.8	62.8	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥8000	4.9	65.3	66.3	67.3	67.4	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥7000	4.9	67.1	68.3	69.2	69.4	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥6000	4.9	69.4	71.0	72.0	72.3	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥5000	5.1	72.5	74.1	75.2	75.4	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥4500	5.1	73.7	75.3	76.3	76.6	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥4000	5.1	74.7	76.5	78.0	78.4	78.6	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥3500	5.1	75.4	77.1	78.6	79.0	79.2	79.2	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥3000	5.1	77.0	78.7	80.3	80.9	81.1	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥2500	5.1	77.5	79.7	81.3	81.8	82.0	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥2000	5.1	78.2	80.5	82.3	83.0	83.2	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥1800	5.1	78.4	80.8	82.6	83.3	83.5	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥1500	5.1	79.0	81.6	83.4	84.3	84.5	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥1200	5.1	79.2	82.2	84.0	84.8	85.2	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥1000	5.1	80.6	83.5	85.5	86.5	86.9	87.3	87.5	87.6	87.8	87.8	87.8	87.8	88.0	88.0	88.0
≥900	5.1	81.2	84.2	86.1	87.2	87.6	88.1	88.3	88.4	88.6	88.6	88.6	88.6	88.7	88.7	88.7
≥800	5.1	81.3	84.5	86.5	87.5	88.0	88.4	88.8	88.9	89.1	89.1	89.1	89.1	89.2	89.2	89.2
≥700	5.1	81.5	84.9	87.1	88.6	89.1	89.6	90.1	90.3	90.6	90.6	90.6	90.6	90.6	90.8	90.8
≥600	5.1	81.5	85.2	87.6	89.5	90.0	90.9	91.5	91.9	92.3	92.3	92.3	92.3	92.3	92.4	92.4
≥500	5.1	81.6	85.3	87.7	90.1	91.1	91.9	92.9	93.3	93.8	93.8	93.8	93.8	93.8	93.9	93.9
≥400	5.1	81.6	85.4	87.8	90.3	91.4	92.5	93.8	94.4	94.8	94.8	94.8	94.8	94.8	94.9	94.9
≥300	5.1	81.6	85.4	88.0	90.8	92.0	93.7	95.5	96.2	97.0	97.2	97.2	97.2	97.2	97.3	97.3
≥200	5.1	81.6	85.4	88.0	90.8	92.0	93.7	95.5	96.7	97.5	97.8	97.8	97.8	98.2	98.6	98.6
≥100	5.1	81.6	85.4	88.0	90.8	92.0	93.7	95.6	96.8	97.6	98.1	98.1	98.1	98.4	98.8	98.9
≥0	5.1	81.6	85.4	88.0	90.8	92.0	93.7	95.6	96.8	97.6	98.1	98.1	98.1	98.4	98.8	98.9

TOTAL NUMBER OF OBSERVATIONS

93

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.5	44.1	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 20000	5.8	51.9	52.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 18000	5.8	52.2	52.5	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 16000	5.8	52.8	53.1	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 14000	5.8	53.8	54.4	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 12000	6.1	57.1	57.7	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 10000	6.2	60.9	61.6	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 9000	6.2	62.4	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 8000	6.2	66.1	67.2	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 7000	6.2	67.8	68.9	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 6000	6.2	69.5	71.0	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 5000	6.2	71.4	73.0	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 4500	6.2	72.0	73.8	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4000	6.2	74.6	76.5	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 3500	6.3	76.6	78.6	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 3000	6.3	78.9	81.1	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2500	6.3	79.1	81.4	83.1	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 2000	6.3	79.2	81.8	83.8	84.4	84.4	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1800	6.3	79.2	81.9	83.9	84.5	84.5	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1500	6.3	80.3	83.3	85.5	86.1	86.1	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1200	6.3	80.4	83.5	85.9	86.6	86.7	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1000	6.3	80.9	84.4	86.9	87.8	88.1	88.5	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 900	6.3	81.0	84.6	87.1	88.2	88.5	89.0	89.1	89.1	89.4	89.5	89.5	89.5	89.5	89.5	89.5
≥ 800	6.3	81.0	84.6	87.5	88.8	89.1	89.8	90.0	90.1	90.4	90.5	90.5	90.5	90.5	90.5	90.5
≥ 700	6.3	81.0	84.7	88.2	90.0	90.6	91.5	91.7	91.8	92.3	92.5	92.6	92.6	92.6	92.6	92.6
≥ 600	6.3	81.0	84.7	88.3	90.3	91.2	92.2	92.4	92.6	93.2	93.4	93.5	93.5	93.5	93.5	93.5
≥ 500	6.3	81.0	84.8	88.6	90.8	91.9	92.9	93.2	93.5	94.2	94.4	94.5	94.5	94.5	94.5	94.5
≥ 400	6.3	81.0	84.8	88.7	91.0	92.3	93.9	94.4	94.8	95.7	95.9	96.1	96.1	96.1	96.1	96.1
≥ 300	6.3	81.0	84.8	88.7	91.1	92.6	94.6	95.6	96.1	97.4	98.1	98.3	98.3	98.3	98.3	98.3
≥ 200	6.3	81.0	84.8	88.7	91.1	92.8	94.8	95.9	96.5	97.8	98.8	99.1	99.2	99.2	99.4	99.4
≥ 100	6.3	81.0	84.8	88.7	91.1	92.8	94.8	95.9	96.5	98.1	99.0	99.4	99.5	99.6	99.9	100.0
≥ 0	6.3	81.0	84.8	88.7	91.1	92.8	94.8	95.9	96.5	98.1	99.0	99.4	99.5	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

137.5

ANDREWS AFB MD

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	3.4	43.2	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 20000	3.7	51.2	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 18000	4.7	51.8	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 16000	4.3	52.2	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 14000	4.0	53.2	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 12000	4.1	55.5	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 10000	4.1	58.6	59.1	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 9000	4.1	59.5	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 8000	4.2	63.5	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 7000	4.2	65.1	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 6000	4.3	67.0	68.4	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 5000	4.3	69.9	71.3	72.0	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 4500	4.3	70.5	72.0	73.1	73.4	73.4	73.4	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 4000	4.7	73.5	75.4	76.8	77.2	77.2	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3500	4.7	76.5	78.7	80.3	80.8	80.8	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 3000	4.7	78.4	80.6	82.4	82.8	82.9	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2500	4.7	78.9	81.2	83.0	83.5	83.7	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2000	4.7	79.4	81.8	83.9	84.4	84.5	84.7	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1800	4.7	79.4	81.8	84.0	84.5	84.6	84.8	84.9	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1500	4.7	79.9	82.5	85.1	86.1	86.3	86.6	86.8	87.0	87.2	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1200	4.7	80.3	83.0	85.9	87.1	87.4	87.6	88.1	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1000	4.7	80.3	83.0	86.2	87.7	88.1	88.3	88.7	89.0	89.4	89.5	89.6	89.7	89.7	89.7	89.7
≥ 900	4.7	80.4	83.2	86.8	88.4	88.7	88.9	89.4	89.7	90.0	90.1	90.2	90.3	90.3	90.3	90.3
≥ 800	4.7	80.6	83.4	87.2	88.8	89.2	89.6	90.0	90.3	90.8	90.9	91.0	91.1	91.1	91.1	91.1
≥ 700	4.7	80.9	83.7	87.7	89.5	90.0	90.3	91.0	91.3	91.7	91.8	91.9	92.0	92.0	92.0	92.0
≥ 600	4.7	80.9	83.8	88.0	89.9	90.9	91.3	91.9	92.3	92.8	93.0	93.1	93.3	93.3	93.3	93.3
≥ 500	4.7	80.9	83.9	88.2	90.1	91.2	91.9	92.7	93.1	93.7	93.9	94.0	94.2	94.2	94.2	94.2
≥ 400	4.7	80.9	83.9	88.6	90.6	91.7	92.6	93.5	94.2	95.3	95.8	95.9	96.1	96.1	96.1	96.1
≥ 300	4.7	80.9	83.9	88.6	90.8	91.8	93.2	94.7	95.8	97.1	97.7	97.8	98.2	98.2	98.2	98.2
≥ 200	4.7	80.9	83.9	88.6	90.8	91.8	93.2	94.9	96.1	97.8	98.8	98.9	99.4	99.5	99.5	99.5
≥ 100	4.7	80.9	83.9	88.6	90.8	91.8	93.2	94.9	96.1	98.0	98.9	99.1	99.6	99.8	99.9	100.0
≥ 0	4.7	80.9	83.9	88.6	90.8	91.8	93.2	94.9	96.1	98.0	98.9	99.1	99.6	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	3.9	50.1	57.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000	4.1	54.5	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 18000	4.1	54.5	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
IV 16000	4.1	54.6	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 14000	4.1	55.6	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
IV 12000	4.2	58.0	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
IV 10000	4.2	62.1	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 9000	4.2	62.4	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 8000	4.2	64.8	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 7000	4.2	66.4	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 6000	4.2	67.7	68.3	68.6	68.6	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 5000	4.2	70.8	72.2	72.5	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 4500	4.2	71.7	73.1	73.6	73.6	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 4000	4.3	75.2	77.3	77.9	77.9	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 3500	4.3	76.8	78.9	79.5	79.5	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 3000	4.3	78.9	81.4	82.3	82.7	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 2500	4.3	80.4	83.1	84.2	84.5	84.5	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 2000	4.3	80.9	83.6	84.8	85.1	85.1	85.2	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 1800	4.3	81.1	83.9	85.1	85.5	85.5	85.6	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 1500	4.3	81.7	84.8	86.5	87.0	87.0	87.1	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 1200	4.3	82.2	85.6	87.5	88.3	88.3	88.5	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 1000	4.3	82.3	85.8	87.9	88.8	88.8	89.0	89.3	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 900	4.3	82.8	86.2	88.5	89.3	89.3	89.5	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 800	4.3	83.1	86.5	88.9	89.9	89.9	90.1	90.4	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 700	4.3	83.2	86.7	89.2	90.8	90.9	91.2	91.5	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 600	4.3	83.3	86.9	89.4	91.3	91.5	91.8	92.2	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 500	4.3	83.3	86.9	89.5	91.5	91.9	92.3	92.9	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 400	4.3	83.3	86.9	89.5	91.6	92.0	93.0	94.1	94.6	95.2	95.3	95.3	95.3	95.3	95.3	95.3
IV 300	4.3	83.3	86.9	89.5	91.7	92.3	94.0	95.4	96.1	96.8	97.3	97.3	97.3	97.3	97.3	97.3
IV 200	4.3	83.3	86.9	89.5	91.7	92.3	94.1	95.8	97.1	98.3	99.4	99.4	99.4	99.4	99.5	99.5
IV 100	4.3	83.3	86.9	89.5	91.7	92.3	94.1	95.8	97.1	98.5	99.6	99.6	99.7	99.8	99.9	100.0
IV 0	4.3	83.3	86.9	89.5	91.7	92.3	94.1	95.8	97.1	98.5	99.6	99.6	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	4.0	53.1	53.1	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.7
≥ 20000	4.0	56.7	56.7	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.4
≥ 18000	4.0	56.7	56.7	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.4
≥ 16000	4.0	56.7	56.7	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.4
≥ 14000	4.0	57.2	57.2	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.8
≥ 12000	4.0	58.6	58.6	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.2
≥ 10000	4.0	62.5	62.5	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.1
≥ 9000	4.0	63.3	63.3	63.6	63.6	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.0
≥ 8000	4.0	64.7	64.7	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.6
≥ 7000	4.0	65.8	65.8	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.7
≥ 6000	4.0	66.6	66.6	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.4
≥ 5000	4.0	70.3	70.6	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.4
≥ 4500	4.0	71.7	72.0	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.8
≥ 4000	4.0	75.2	75.6	76.5	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.1
≥ 3500	4.0	76.9	77.5	78.5	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.2
≥ 3000	4.0	79.1	79.9	81.3	81.7	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.1
≥ 2500	4.0	80.3	81.7	83.1	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.9
≥ 2000	4.0	82.3	84.1	85.5	86.0	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.4
≥ 1800	4.0	82.3	84.1	85.5	86.0	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.4
≥ 1600	4.0	83.3	85.1	86.7	87.2	87.2	87.2	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.7	87.9
≥ 1400	4.0	83.6	85.5	87.5	87.9	87.9	87.9	88.1	88.1	88.2	88.2	88.2	88.2	88.5	88.6	88.8
≥ 1200	4.0	84.1	86.3	88.5	88.9	88.9	88.9	89.1	89.1	89.4	89.4	89.4	89.4	89.6	89.8	90.0
≥ 1000	4.0	84.4	86.5	88.7	89.1	89.1	89.1	89.3	89.3	89.6	89.6	89.6	89.6	89.9	90.0	90.2
≥ 900	4.0	84.7	86.9	89.2	89.6	89.6	89.6	89.9	89.9	90.2	90.2	90.2	90.2	90.4	90.5	90.7
≥ 800	4.0	84.7	86.9	89.2	89.6	89.6	89.6	89.9	89.9	90.2	90.2	90.2	90.2	90.4	90.5	90.7
≥ 700	4.0	84.7	87.3	89.5	90.4	90.4	90.4	90.7	90.7	90.9	90.9	91.3	91.3	91.5	91.6	91.8
≥ 600	4.0	84.8	87.3	89.5	90.4	90.4	90.4	90.7	90.7	90.9	90.9	91.3	91.3	91.5	91.6	91.8
≥ 500	4.0	84.9	87.6	90.1	91.5	91.6	91.6	91.9	92.1	92.1	92.4	92.4	92.4	92.7	92.8	93.0
≥ 400	4.0	84.9	87.7	90.3	92.2	92.4	93.3	93.9	93.9	94.5	94.5	94.5	94.5	94.7	94.9	95.1
≥ 300	4.0	84.9	87.8	90.4	92.4	92.9	93.7	94.3	94.4	95.3	95.3	95.3	95.3	95.7	95.9	96.4
≥ 200	4.0	84.9	87.8	90.4	92.6	93.2	94.1	95.0	95.4	96.9	97.2	97.2	97.2	97.6	97.8	98.4
≥ 100	4.0	84.9	87.8	90.4	92.6	93.2	94.1	95.0	95.5	97.2	97.8	97.8	97.8	98.6	98.8	99.6
≥ 0	4.0	84.9	87.8	90.4	92.6	93.2	94.1	95.0	95.5	97.2	97.8	97.8	97.8	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	4.2	48.7	49.2	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6
≥ 20000	4.3	53.7	54.2	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7
≥ 18000	4.3	53.9	54.4	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9
≥ 16000	4.3	54.1	54.6	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1
≥ 14000	4.3	55.0	55.5	55.8	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 12000	4.4	56.9	57.4	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0
≥ 10000	4.6	61.3	61.9	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.5
≥ 9000	4.6	62.1	62.6	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2
≥ 8000	4.6	65.0	65.7	66.1	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4
≥ 7000	4.6	66.3	67.1	67.5	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8
≥ 6000	4.6	68.0	68.9	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6
≥ 5000	4.7	71.0	72.1	72.7	72.9	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4500	4.7	72.1	73.2	73.9	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3
≥ 4000	4.8	75.1	76.5	77.4	77.8	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1
≥ 3500	4.8	76.7	78.2	79.2	79.6	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9
≥ 3000	4.8	78.3	80.1	81.3	81.8	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2
≥ 2500	4.8	79.3	81.2	82.5	83.0	83.1	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 2000	4.8	80.2	82.4	83.8	84.4	84.5	84.7	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.2
≥ 1800	4.8	80.3	82.5	84.0	84.6	84.7	84.9	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.4
≥ 1500	4.8	81.0	83.3	85.0	85.7	85.8	86.1	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.7
≥ 1200	4.8	81.4	83.9	85.8	86.6	86.8	87.1	87.3	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.7
≥ 1000	4.8	82.0	84.6	86.6	87.6	87.8	88.2	88.5	88.6	88.8	88.8	88.8	88.9	88.9	88.9	89.0
≥ 900	4.8	82.3	85.0	87.2	88.2	88.4	88.8	89.1	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.6
≥ 800	4.8	82.6	85.4	87.6	88.7	88.9	89.3	89.7	89.9	90.0	90.1	90.1	90.1	90.2	90.2	90.2
≥ 700	4.8	82.9	85.8	88.3	89.5	89.9	90.4	90.8	91.0	91.2	91.3	91.3	91.3	91.4	91.4	91.4
≥ 600	4.8	83.0	86.0	88.6	90.1	90.6	91.2	91.7	91.9	92.2	92.3	92.3	92.4	92.4	92.4	92.5
≥ 500	4.8	83.1	86.1	88.9	90.6	91.3	92.0	92.6	92.9	93.2	93.3	93.3	93.3	93.4	93.4	93.4
≥ 400	4.8	83.1	86.2	89.1	91.2	91.9	92.9	93.8	94.2	94.7	94.9	94.9	95.0	95.0	95.0	95.1
≥ 300	4.8	83.2	86.3	89.2	91.4	92.3	93.7	95.0	95.6	96.3	96.6	96.6	96.7	96.8	96.8	96.9
≥ 200	4.8	83.2	86.3	89.2	91.4	92.3	93.9	95.3	96.2	97.3	97.9	97.9	98.1	98.2	98.2	98.5
≥ 100	4.8	83.2	86.3	89.2	91.4	92.3	93.9	95.3	96.2	97.5	98.3	98.3	98.7	98.8	99.0	99.5
≥ 0	4.8	83.2	86.3	89.2	91.4	92.3	93.9	95.3	96.2	97.5	98.3	98.3	98.7	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS

7435

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1575

ANDREWS AFB MD

69-70,73-81

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	4.4	47.2	49.4	50.8	51.7	51.9	52.2	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.5
≥ 20000	4.6	52.8	55.4	57.0	58.1	58.4	58.8	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.1
≥ 18000	4.6	53.2	55.7	57.4	58.5	58.8	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4
≥ 16000	4.6	53.4	56.0	57.6	58.7	59.0	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.7
≥ 14000	4.7	54.3	56.9	58.6	59.7	60.0	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.7
≥ 12000	4.7	56.0	58.7	60.5	61.6	62.0	62.3	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.7
≥ 10000	4.9	61.0	63.0	65.0	66.3	66.7	67.1	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.5	67.5
≥ 9000	4.9	60.6	63.7	65.7	67.0	67.4	67.8	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.2
≥ 8000	4.9	63.5	66.8	69.0	70.4	70.9	71.3	71.5	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.8
≥ 7000	5.0	64.8	68.2	70.4	71.9	72.3	72.8	73.0	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2
≥ 6000	5.1	65.9	69.4	71.6	73.1	73.6	74.1	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.5	74.5
≥ 5000	5.0	68.0	71.7	74.1	75.7	76.1	76.7	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.2
≥ 4500	5.1	68.9	72.6	75.1	76.7	77.2	77.7	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.2	78.2
≥ 4000	5.2	71.7	75.8	78.5	80.3	80.8	81.5	81.7	81.8	81.9	81.9	81.9	81.9	81.9	82.0	82.0
≥ 3500	5.2	72.8	76.9	79.8	81.6	82.2	82.8	83.1	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.4
≥ 3000	5.2	74.4	78.9	82.0	84.0	84.6	85.3	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.9
≥ 2500	5.2	75.2	79.8	83.0	85.1	85.7	86.5	86.8	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.1
≥ 2000	5.2	76.0	80.8	84.1	86.3	87.0	87.9	88.2	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.6
≥ 1800	5.2	76.1	80.9	84.3	86.6	87.2	88.1	88.5	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.8
≥ 1500	5.2	76.7	81.6	85.1	87.5	88.2	89.2	89.5	89.6	89.8	89.8	89.8	89.8	89.8	89.9	89.9
≥ 1200	5.2	77.2	82.3	85.9	88.5	89.2	90.2	90.6	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.1
≥ 1000	5.2	77.5	82.8	86.5	89.3	90.1	91.2	91.7	91.8	91.9	92.0	92.0	92.0	92.1	92.1	92.1
≥ 900	5.2	77.7	82.9	86.8	89.5	90.4	91.6	92.0	92.2	92.3	92.4	92.4	92.4	92.4	92.5	92.5
≥ 800	5.2	77.8	83.2	87.1	90.0	90.9	92.2	92.7	92.9	93.0	93.1	93.1	93.2	93.2	93.2	93.3
≥ 600	5.2	78.0	83.4	87.5	90.5	91.5	92.9	93.5	93.6	93.8	93.9	93.9	94.0	94.0	94.0	94.1
≥ 500	5.2	78.0	83.5	87.7	90.8	91.9	93.4	94.1	94.3	94.5	94.6	94.6	94.7	94.7	94.7	94.8
≥ 400	5.2	78.1	83.6	87.9	91.3	92.5	94.2	95.1	95.3	95.6	95.7	95.7	95.8	95.8	95.8	95.9
≥ 300	5.2	78.1	83.7	88.1	91.6	93.0	94.9	96.0	96.3	96.7	96.9	96.9	97.0	97.0	97.1	97.1
≥ 200	5.2	78.1	83.7	88.1	91.7	93.1	95.3	96.6	97.0	97.6	97.8	97.8	98.0	98.0	98.0	98.1
≥ 100	5.2	78.2	83.7	88.1	91.7	93.2	95.4	96.8	97.3	98.1	98.4	98.5	98.7	98.8	98.9	99.0
≥ 0	5.2	78.2	83.7	88.1	91.7	93.2	95.4	96.8	97.4	98.2	98.6	98.7	99.0	99.1	99.4	99.7
≥ 0	5.2	78.2	83.7	88.1	91.7	93.2	95.4	96.8	97.4	98.2	98.6	98.7	99.0	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 87638

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED,
BROKEN, OVERCAST, & OMSCURED WERE USED AS INPUT FOR THE
TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OMSCURED WAS CONVERTED TO 10/10

SKY COVER

JAN

MONITOR

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00-02	31.6			19.0						11.2	38.2	5.4	930
	03-05	28.2			18.9						12.6	40.3	5.7	930
	06-08	17.8			22.8						17.3	42.0	6.4	930
	09-11	11.8			22.3						20.3	45.6	7.1	930
	12-14	8.0			23.5						23.4	45.1	7.3	930
	15-17	9.4			25.7						20.6	44.3	7.1	930
	18-20	20.9			24.4						16.8	38.0	6.0	930
	21-23	30.8			17.3						15.0	36.9	5.6	928
TOTALS		18.8			21.7						17.2	41.3	6.3	7438

SKY COVER

FEB

NOTATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
FEB	00-02	32.1			21.1						10.5	36.3	5.2	842
	03-05	33.2			20.5						12.7	33.6	5.1	844
	06-08	21.7			25.3						16.0	37.0	5.9	845
	09-11	15.4			24.5						20.2	40.8	6.5	846
	12-14	12.4			26.7						17.5	43.3	6.7	845
	15-17	11.9			28.0						18.2	41.8	6.7	846
	18-20	24.0			25.8						15.0	35.2	5.6	846
	21-23	33.8			21.0						11.5	33.7	5.0	846
TOTALS		23.1			24.1						15.2	37.6	5.8	6760

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

MAR

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	28.3			18.3						11.8	41.6	5.8	930
	03-05	25.5			20.5						11.7	42.4	5.9	923
	06-08	12.1			25.1						17.0	45.9	6.9	929
	09-11	8.1			21.9						23.8	46.2	7.4	930
	12-14	7.1			19.4						27.7	45.8	7.7	930
	15-17	10.4			19.1						25.2	45.3	7.4	930
	18-20	15.3			24.0						18.0	42.7	6.6	929
	21-23	25.1			21.6						12.1	41.2	5.9	929
TOTALS		16.5			21.2						18.4	43.9	6.7	7430

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

APR

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9	10		
APR.	00-02	29.9			20.5						18.9	30.7	5.4	899
	03-05	26.1			24.8						15.5	33.6	5.5	899
	06-08	16.9			24.3						20.6	38.2	6.4	900
	09-11	14.2			25.7						22.2	37.9	6.6	900
	12-14	11.5			26.0						23.7	38.8	6.8	899
	15-17	10.8			26.7						24.5	38.0	6.8	899
	18-20	14.8			27.3						20.3	37.6	6.4	900
	21-23	27.4			22.7						18.3	31.6	5.5	898
TOTALS		19.0			24.8						20.5	35.8	6.2	7194

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

MAY

MONITOR

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUNY	00-02	28.0			19.7						17.7	34.5	5.6	927
	03-05	19.4			23.3						19.8	37.5	6.2	926
	06-08	15.1			23.9						18.0	43.0	6.6	919
	09-11	9.9			27.1						20.4	42.5	6.9	926
	12-14	5.5			27.2						26.9	40.5	7.3	927
	15-17	6.0			25.1						29.2	39.7	7.4	924
	18-20	9.1			28.1						25.2	37.6	6.9	925
	21-23	22.7			26.3						19.6	31.3	5.7	919
TOTALS		14.5			25.1						22.1	38.3	6.6	7393

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

JUN

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MONTH	HOURS (L. S. T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF DAYS	
		0	1	2	3	4	5	6	7	8	9			10
JUN	0-02	24.2			26.2						21.6	28.0	5.5	887
	03-05	14.9			30.4						22.2	32.5	6.2	892
	06-08	11.4			27.5						23.6	37.5	6.7	888
	09-11	10.5			28.2						25.3	36.0	6.7	889
	12-14	3.9			30.2						30.1	35.7	7.2	893
	15-17	3.3			34.6						31.1	31.0	6.9	898
	18-20	5.8			33.6						26.8	33.7	6.8	895
	21-23	20.3			28.5						21.8	29.3	5.8	890
TOTALS		11.8			29.9						25.3	33.0	6.5	7132

SKY COVER

JUL

MONTE

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02	25.4			24.9						20.3	29.5	5.5	913
	03-05	17.4			27.4						21.4	33.8	6.1	908
	06-08	10.6			31.7						18.9	38.9	6.5	906
	09-11	10.6			33.0						23.0	33.4	6.4	915
	12-14	2.9			32.4						31.4	33.3	7.1	926
	15-17	2.1			33.7						30.8	33.5	7.1	923
	18-20	7.0			27.8						28.8	36.4	7.1	920
	21-23	18.2			27.3						21.8	32.7	6.1	917
TOTALS		11.8			29.8						24.6	33.9	6.5	7328

FORM
JUL 64

FORM
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0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

AUG

MUNICIPAL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
AUG	00-02	27.7			26.3						19.0	27.0	5.2	909
	03-05	24.1			29.9						19.9	26.1	5.3	904
	06-08	13.2			31.3						23.7	31.7	6.2	914
	09-11	14.9			31.0						25.2	29.0	6.1	922
	12-14	6.6			34.5						32.5	26.4	6.6	925
	15-17	6.1			35.0						31.9	27.1	6.6	924
	18-20	11.0			30.8						28.0	30.2	6.5	917
	21-23	21.4			28.7						21.8	28.1	5.6	910
TOTALS		15.6			30.9						25.3	28.2	6.0	7325

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

SEP

MONTH

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
F	0-02	32.4			22.5						16.7	28.4	5.0	890
	3-05	30.7			21.9						16.3	31.1	5.2	885
	6-08	15.2			30.8						22.0	32.1	6.1	891
	9-11	14.0			31.5						23.4	31.1	6.2	899
	12-14	7.1			32.7						26.3	33.9	6.7	899
	15-17	6.8			36.3						25.8	31.1	6.5	898
	18-20	14.2			36.1						21.1	28.6	5.8	895
	21-23	29.5			26.1						17.0	27.4	5.1	893
TOTALS		18.7			29.7						21.1	30.5	5.8	7150

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

OCT

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
T	00-02	40.4			17.0						14.1	28.5	4.6	925
	03-05	40.4			15.9						12.6	31.2	4.7	921
	06-08	18.4			30.6						18.3	32.7	5.8	914
	09-11	16.3			31.4						19.9	32.4	6.0	924
	12-14	13.7			31.6						27.1	27.6	6.2	930
	15-17	14.4			32.4						23.7	29.6	6.1	930
	18-20	24.3			28.1						19.1	28.5	5.4	926
	21-23	36.1			19.8						14.5	29.6	4.9	927
TOTALS		25.5			25.9						18.7	30.0	5.5	7397

SKY COVER

NOV

MONIM

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
NOV	0-02	31.4			21.4						11.8	35.4	5.2	896
	03-05	33.2			20.0						13.6	33.2	5.1	895
	06-08	16.1			29.7						19.5	34.7	6.1	888
	09-11	13.3			30.5						17.3	39.0	6.4	896
	12-14	10.0			26.6						25.3	30.1	6.9	900
	15-17	9.7			28.3						24.3	37.8	6.8	898
	18-20	20.7			28.4						16.5	34.3	5.8	897
	21-23	29.0			24.8						13.7	32.5	5.2	896
TOTALS		20.4			26.2						17.8	35.6	5.9	7166

SKY COVER

DEC

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	27.3			21.8						14.1	36.7	5.6	926
	03-05	24.8			21.4						12.6	37.2	5.5	930
	06-08	17.8			27.1						18.2	36.9	6.1	929
	-11	11.0			28.3						23.1	37.6	6.7	930
	12-14	4.9			29.0						22.8	39.2	6.8	930
	15-17	9.5			28.8						23.6	38.1	6.8	927
	18-20	24.4			22.3						14.0	39.3	5.9	928
	21-23	29.8			20.0						13.2	38.1	5.6	925
TOTALS		19.6			24.8						17.7	37.9	6.1	7425

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

137 5

ANDREWS AFB MD

69-70,73-81

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	19.8			21.7						17.2	41.3	6.3	7438
FEB		23.1			24.1						15.2	37.6	5.8	6760
MAR		16.5			21.2						18.4	43.9	6.7	7430
APR		19.0			24.8						20.5	35.8	6.2	7194
MAY		14.5			25.1						22.1	38.3	6.6	7393
JUN		11.8			29.9						25.3	33.0	6.5	7132
JUL		11.8			29.8						24.6	33.9	6.5	7328
AUG		15.6			30.9						25.3	28.2	6.0	7325
SEP		18.7			29.7						21.1	30.5	5.8	7150
OCT		25.5			25.9						18.7	30.0	5.5	7397
NOV		20.4			26.2						17.8	35.6	5.9	7166
DEC		19.6			24.8						17.7	37.9	6.1	7425
TOTALS		18.0			26.2						20.3	35.5	6.2	87138

USAFETAC

FORM 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

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USAFETAC

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177 S ANDREWS AFB MD
STATION STATION NAME

43-81

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
100						.2	.5	.1	.1				.1
95				.1	.1	2.3	4.5	3.8	1.2				1.0
90				1.1	2.0	16.8	24.8	21.8	7.6	.3			6.2
85			.3	4.6	12.1	40.7	59.5	50.6	22.3	2.2			16.1
80		.1	2.0	11.6	28.9	61.9	85.8	78.2	43.8	9.2	.8		27.0
75	.2	.7	5.1	19.7	48.2	81.8	96.9	93.7	66.6	21.3	3.5	.1	36.6
70	1.4	2.5	11.2	34.4	68.9	94.4	99.4	99.4	84.5	41.9	10.8	1.5	46.0
65	3.6	5.3	18.9	49.7	83.7	98.7	100.0	99.9	94.4	61.8	21.8	4.4	53.7
60	8.3	9.9	30.5	67.6	94.2	99.7		100.0	98.5	80.1	37.2	11.0	61.6
55	14.0	19.0	43.5	82.9	98.6	100.0			99.9	92.6	55.4	20.5	69.0
50	22.9	30.4	58.5	93.8	99.9				100.0	98.2	71.6	32.3	75.8
45	37.	45.8	73.9	98.6	100.0					99.7	85.4	48.5	82.5
40	55.9	64.7	89.5	99.8						100.0	95.7	68.7	89.6
35	74.2	81.3	96.9	100.0							99.2	84.0	94.7
30	88.0	92.1	99.3								99.9	94.1	97.8
25	95.2	97.3	99.8								100.0	99.0	99.3
20	98.6	99.1	99.9									99.7	99.8
15	99.8	99.8	100.0									100.0	100.0
10	99.9	100.0											100.0
5	100.0												100.0
0													
MEAN	41.9	44.4	53.4	65.2	73.8	81.8	85.6	84.4	77.9	67.3	56.0	45.1	64.7
S.D.	11.256	11.349	11.938	10.788	8.795	7.603	5.704	6.093	8.171	8.812	10.244	10.627	18.274
TOTAL OBS.	117	174	1178	114	1178	1122	1177	1177	1140	1178	1140	1178	13860

GLOBAL CLIMATOLOGY BRANCH

USAFETAC

AIR WEATHER SERVICE/MAC

STATION

ANDREWS AFB MD

STATION NAME

43-81

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
75						1.4	4.2	2.8	.5				.0
70					.6	15.5	38.8	33.4	10.8	.4			8.4
65			.1	.7	8.0	43.7	74.6	68.0	30.1	2.9	.5		19.1
60		.1	.3	4.0	26.9	69.2	94.0	88.9	53.0	11.0	2.0	.1	29.3
55	.7	.5	2.5	12.9	48.6	87.6	99.6	97.9	75.0	24.8	6.1	.9	38.2
50	1.4	1.4	6.5	28.6	72.8	97.5	99.9	99.9	90.2	44.9	13.0	1.8	46.6
45	2.3	3.3	14.3	51.4	89.9	99.8	100.0	100.0	97.8	66.1	25.5	5.1	54.9
40	3.4	11.1	28.6	73.8	98.2	100.0			99.6	85.1	41.9	12.9	63.4
35	12.5	22.4	50.6	92.6	99.5				100.0	95.6	65.4	29.4	73.1
30	26.7	31.3	52.4	95.1	100.0					98.3	74.8	37.1	77.3
25	40.2	45.2	76.7	97.9						99.7	86.5	52.5	83.3
20	62.3	66.7	92.4	99.9						100.0	96.7	73.3	91.0
15	77.5	82.6	97.8	100.0							99.5	88.1	95.5
10	89.1	92.2	99.4								99.9	96.2	98.1
5	95.8	97.3	100.0								100.0	99.4	99.4
0	96.7	99.3										100.0	99.8
-5	99.9	99.9											100.0
-10	100.0	100.0											100.0
MEAN	26.3	29.0	35.5	45.0	54.2	62.7	67.5	66.5	59.8	48.5	38.8	29.8	46.9
S.D.	6.685	9.282	8.587	7.918	7.328	6.485	4.687	5.257	7.514	8.413	8.973	8.799	16.518
TOTAL OBS	117	174	117	114	117	112	117	117	114	117	114	117	1366

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
1700 ADDRESS AFH 10
STATION STATION NAME

DAILY TEMPERATURES

43-81

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
10						1.1							1.0
11						1.2	4.0	2.5	.6				.7
12					.5	15.5	29.9	24.0	7.4	.2			6.5
13				1.1	8.4	41.1	67.4	59.2	23.6	1.9	.1		17.0
14		.1	1.3	6.5	25.6	66.8	93.3	87.3	48.3	7.5	.9		28.3
15	.1	.3	2.9	15.4	48.5	86.7	99.4	98.0	72.7	21.7	3.4	.2	37.6
16	.2	.9	7.4	29.8	72.1	98.2	100.0	100.0	89.6	43.3	10.0	1.4	46.3
17	1.7	4.0	16.7	48.8	89.6	99.9			97.6	65.4	23.9	3.7	54.5
18	6.4	8.9	28.8	73.4	98.0	100.0			99.6	85.7	40.3	10.7	62.8
19	15.5	17.9	44.8	90.9	99.9				100.0	96.6	59.7	22.7	70.8
20	28.0	36.6	69.4	98.2	100.0					99.3	80.3	40.1	79.5
21	50.4	57.1	86.8	99.7						100.0	94.5	62.7	87.6
22	64.0	77.0	96.4	100.0							98.9	80.3	93.6
23	84.8	83.9	98.7								99.7	92.0	97.0
24	93.5	96.0	99.8								100.0	98.2	99.0
25	99.0	99.0	99.9									99.9	99.7
26	99.9	99.8	100.0									100.0	100.0
27	99.9	100.0											100.0
28	100.0												100.0
29													
30													
31													
32													
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95													
96													
97													
98													
99													
100													
MEAN	34.5	36.3	44.6	55.2	64.1	72.4	76.7	75.6	69.0	58.1	47.6	37.6	56.0
S D	9.918	9.689	9.613	8.604	7.320	6.488	4.612	5.113	7.261	7.839	8.995	9.224	17.043
TOTAL OBS	1174	1074	1178	1140	1178	1122	1177	1177	1140	1178	1140	1178	13860

GLOBAL CLIMATOLOGY BRANCH
USAFETAC

AIR WEATHER SERVICE/MAC

STATION
13705

ANDREWS AFB MD

STATION NAME

43-81

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
75						1.4	4.2	2.8	.5				.8
70					.5	15.5	38.8	33.4	10.8				8.4
65			.1	.7	8.0	43.7	74.6	68.0	30.1	2.9	.5		19.1
60		.1	.8	4.6	26.9	69.2	94.0	88.9	53.0	11.5	2.0	.1	29.3
55	.7	.5	2.5	12.9	48.6	87.6	99.6	97.9	75.0	24.8	6.1	.9	38.2
50	1.4	1.4	6.5	28.6	72.8	97.5	99.9	99.9	90.2	44.9	13.0	1.8	46.6
45	2.8	3.8	14.3	51.4	89.8	99.8	100.0	100.0	97.8	66.1	25.5	5.1	54.9
40	8.4	10.0	28.6	73.8	98.1	100.0			99.6	85.1	41.9	12.9	63.4
35	19.5	22.4	50.6	92.6	99.4				100.0	95.8	65.4	29.4	73.1
30	26.7	31.3	62.4	95.1	99.9					98.3	74.8	37.1	77.3
25	40.2	45.2	76.7	97.9						99.7	86.5	52.5	83.3
20	62.3	66.7	92.4	99.9						100.0	96.7	73.3	91.0
15	77.5	82.6	97.8	100.0							99.5	88.1	95.5
10	89.1	92.2	99.4								99.9	96.2	98.1
5	95.8	97.3	100.0								100.0	99.4	99.4
0	98.7	99.3										100.0	99.8
-5	99.9	99.9			100.0								100.0
-10	100.0	100.0											100.0
MEAN	26.3	28.0	35.5	45.0	54.1	62.7	67.5	66.5	59.8	48.5	38.8	29.8	4.1
S.D.	9.685	9.282	8.587	7.918	7.468	6.485	4.687	5.257	7.514	8.413	6.973	6.790	1.7
TOTAL OBS	1176	174	1178	1140	1178	1132	1177	1177	1140	1176	1140	1176	1176

AD-A110 238

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
ANDREWS AFB, WASHINGTON DC REVISED UNIFORM SUMMARY OF SURFACE W--ETC(U)
OCT 81
USAFETAC/DS-81/093

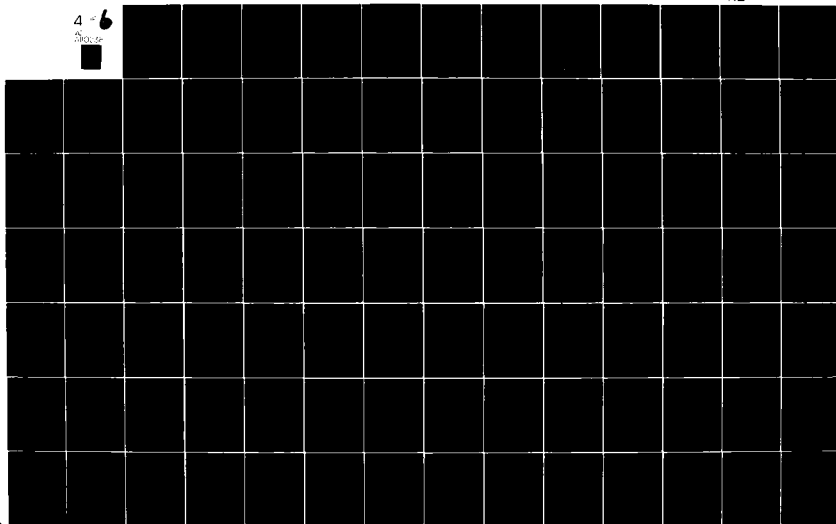
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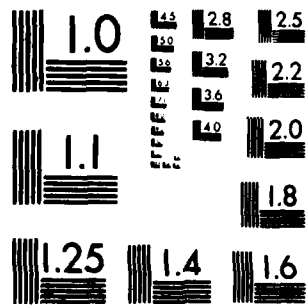
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963-A

STATION

STATION NAME

43-81

YEARS

MEAN

MEAN

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

137.5 ANDREWS AFB MD

STATION

STATION NAME

43-81

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43						* 96	93	98	95	82	72	63	
44	69	67	80	81	91	96	95	94	91	84	71	57	96
45	57	64	87	86	88	96	98	94	90	80	77	56	98
46	64	71	79	88	87	92	96	90	94	84	76	71	96
47	73	55	68	84	90	94	93	97	92	86	65	60	97
48	59	79	87	84	90	94	93	99	89	79	78	67	99
49	70	74	81	84	89	94	96	97	88	85	75	64	97
50	77	54	79	81	90	93	93	91	90	83	84	70	93
51	69	71	70	87	89	96	95	96	93	92	73	73	96
52	73	58	82	88	85	100	98	90	94	85	70	62	100
53	70	70	69	86	89	93	98	100	100	82	76	67	100
54	70	75	80	86	88	99	102	95	99	92	68	64	102
55	62	66	79	82	90	92	98	97	89	83	78	63	98
56	62	66	71	88	93	96	94*	93	93	80	72	75	96
57	65	69	73	92	90	97	100	97	92	74	73	63	100
58	55	62	56	85	86	93	94	92	92	85	76	59	94
59	70	67	79	88	90	100	92	95	91	90	76	63	100
60	58	67	79	93	86	90	93	93	87	81	73	68	93
61	53	70	80	88	86	90	95	92	95	81	81	60	95
62	60	68	77	86	92	93	92	94	93	84	63	64	94
63	61	55	84	88	93	92	94	92	89	83	72	54	94
64	64	60	76	85	90	96	92	91	92	75	74	69	96
65	65	67	70	79	91	93	93	95	92	77	73	70	95
66	66	65	82	84	89	96	100	92	93	77	74	72	100
67	72	69	75	85	82	91	90	90	83	85	72	62	91
68	61	50	83	83	85	94	95	95	86	83	77	66	95
69	60	49	67	89	96	98	97	89	89	84	71	60	98
70	61	60	70	82	89	93	91	92	96	85	66	70	96
71	51	71	72	84	88	91	92	90	86	80	83	72	92
72	65	73	78	85	81	87	94	94	89	75	72	65	94
MEAN													
S. D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13705

ANDREWS AFB MD

43-81

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

[illegible]

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-99-5 (OL A)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13705 ANDREWS AFB MD

43-81

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43						*	57	55	57	41	38	24	12
44	14	16	18	29	46	49	58	54	51	32	27	15	14
45	17	15	30	33	34	43	55	54	52	35	24	10	10
46	10	17	28	32	42	50	57	52	46	40	28	16	10
47	9	5	22	33	33	47	56	60	39	38	25	20	5
48	2	10	16	32	44	52	56	56	48	33	31	11	2
49	19	21	22	34	42	50	62	56	45	39	24	19	19
50	23	16	12	23	42	49	58	57	42	38	15	11	11
51	16	9	25	33	47	53	59	55	42	40	21	9	9
52	14	25	22	34	44	55	54	53	48	28	23	18	14
53	24	20	21	30	49	50	62	58	47	38	28	17	17
54	11	16	23	27	40	53	60	59	50	33	29	17	11
55	10	7	22	35	40	50	61	59	46	34	13	12	7
56	16	19	22	27	34	52	56*	55	40	35	20	21	16
57	1	20	23	31	37	51	56	52	38	33	24	12	1
58	11	3	26	36	42	49	62	55	46	36	17	10	3
59	5	10	23	33	44	51	60	57	46	36	20	16	5
60	18	16	15	33	41	53	59	60	50	33	28	8	8
61	7	3	23	30	39	51	57	59	48	37	30	18	3
62	8	8	15	32	43	58	56	56	44	30	28	10	8
63	4	7	25	35	37	48	57	52	38	37	30	11	4
64	8	16	23	27	44	46	60	48	44	30	21	20	8
65	3	6	14	29	47	50	58	50	48	30	24	18	3
66	8	3	23	29	33	48	57	59	47	32	26	11	3
67	12	5	16	27	40	45	58	57	44	32	21	7	5
68	3	11	18	35	43	53	59	52	47	30	28	11	3
69	13	20	22	25	43	57	64	56	47	28	22	19	13
70	-3	11	21	33	39	51	56	57	45	39	19	18	-3
71	9	11	26	33	40	56	56	53	48	44	26	20	9
72	3	14	21	27	42	45	57	54	47	28	22	16	3
MEAN													
S. D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13705 ANDREWS AFB MD

43-81

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

[illegible]

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-98.5 (OL A)

* (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705' ANDREWS AFB MD

70,73-81

YEARS

JAN
MONTH
PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
64/ 63		.1	.4															5	5					
62/ 61		.1																1	1	1				
60/ 59		.5	.3															8	8	5	2			
58/ 57		.3		.1														4	4	6	7			
56/ 55		.1	.3				.2	.2										8	8	5	3			
4/ 53			.1	.2	.2		.1											6	6	1	4			
52/ 51		.2		.2	.2	.2												8	8	5	2			
50/ 49		.1	.2	.3	.2	.1												9	9	2	2			
48/ 47		1.0	.3	.2	.2	.2												18	18	6	5			
46/ 45		1.1	.4	.4	.6	.2												26	26	20	4			
44/ 43		1.2	.4	.8	.5													27	27	16	13			
42/ 41		1.0	.4	1.4	.1													27	27	29	14			
40/ 39	.6	1.7	1.8	1.0	.1													49	49	28	24			
38/ 37	.2	1.6	1.6	2.4	.6													60	60	32	11			
36/ 35	.4	2.5	2.8	2.7	.2													80	80	62	24			
34/ 33	.4	2.5	2.7	.6	.4													62	62	72	34			
32/ 31	.5	3.2	3.3	3.0														94	94	66	54			
30/ 29	.3	3.5	3.4	1.0														77	77	86	39			
28/ 27	.1	3.2	2.2	.5														56	56	75	61			
26/ 25	.1	2.4	2.7	.3														51	51	91	72			
24/ 23		1.5	2.8	.5														45	45	40	41			
22/ 21		1.3	4.1	.2														52	52	52	44			
20/ 19	.3	2.2	3.9															59	59	60	76			
18/ 17	.1	1.5	.8															22	22	59	48			
16/ 15	.1	.6	.8															14	14	33	45			
14/ 13	.1	1.3	.9															21	21	14	41			
12/ 11	.1	1.9	.2															21	21	21	43			
10/ 9		.8	.3															10	10	24	47			
8/ 7		.4																4	4	10	45			
6/ 5		.2																2	2	3	25			
4/ 3		.3																3	3	2	24			
2/ 1		.1																1	1	4	20			
0/ -1																					20			
-2/ -3																					17			
Element (X)	Σ H ¹		Σ H		Σ	Σ	Σ	Σ	No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

0000-0200
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705

ANDREWS AFB MD

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
64/ 63			.3															3	3						
62/ 61			.3															3	3						
60/ 59			.3															3	3	6					
58/ 57		.3			.1													4	4	3	5				
56/ 55					.1													1	1	3	5				
54/ 53		.4	.1	.1														6	6	1	3				
52/ 51		.1		.3	.1		.1											6	6	3	2				
50/ 49		.2	.1	.4		.2												9	9	3	1				
48/ 47	.2	1.0	.2	.2	.2													17	17	7	4				
46/ 45		.9	.2	.1	.1	.2												14	14	14	6				
44/ 43		.3	.3	1.0	.2	.1												18	18	15	7				
42/ 41	.1	1.8	.5	1.3	.4													39	39	19	13				
40/ 39	.2	1.7	1.7	.6	.5													45	45	25	15				
38/ 37	.3	2.7	1.6	2.4	.3													68	68	29	22				
36/ 35	.2	3.0	1.7	1.4	.2													61	61	64	26				
34/ 33	.8	2.6	3.4	1.6	.1													79	79	76	28				
32/ 31	.4	3.3	3.1	2.0														83	83	67	51				
30/ 29	.4	3.5	2.9	.3														67	67	83	52				
28/ 27	1.3	2.4	2.2	.4														58	58	89	59				
26/ 25	.4	2.7	3.3	.3														63	63	67	58				
24/ 23		2.0	2.2	.2														41	41	50	40				
22/ 21	.1	1.2	4.1	.1														51	51	55	57				
20/ 19	.1	3.5	2.3															55	55	44	70				
18/ 17	.1	1.8	1.9															36	36	59	61				
16/ 15	.8	1.0	1.0															25	25	45	35				
14/ 13	.1	1.4	.9															22	22	27	40				
12/ 11	.3	2.0	.1															23	23	20	49				
10/ 9		1.5	.2															16	16	29	51				
8/ 7		.5																5	5	13	27				
6/ 5		.2																2	2	6	23				
4/ 3		.6																6	6	3	23				
2/ 1		.1																1	1	5	36				
0/ -1																					15				
-2/ -3																					24				
Element (X)	Σ H'		Σ H		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ				
Rel. Hum.																									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

0300-0500

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD
STATION STATION NAME

70,73-81

YEARS

JAN

MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JAN
MONTH

0900-1100

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point		
4 / 73						.1												1	1				
5 / 71				.1														1	1				
6 / 69				.1			.2											3	3				
6 / 67						.1	.1											2	2				
6 E / 65							.1											1	1	2			
4 / 63			.1		.1	.2		.1										5	5	1			
2 / 61			.1		.3		.1											5	5		2		
1 / 59			.2			.2	.2	.4										10	10	2			
1 / 57		.3	.2	.2	.2	.1	.4											14	14	5	2		
5 / 55		.6	.3	.2	.3	.3	.1		.2									20	20	8	1		
4 / 53		.5		.3	.8	.1	.1	.1										18	18	16	10		
2 / 51				.3	.3	.5	.3											11	11	7	11		
5 / 49		.2	.1	1.1	.4	1.0	.2											28	28	10	4		
4 / 47		.5	.3	1.0	1.2	.6												34	34	11	5		
4 / 45		.9	.2	1.6	1.4	1.4												51	51	28	9		
4 / 43	.1	1.0	.8	.8	1.1	1.3	.1											47	47	29	10		
2 / 41	.2	1.6	.8	1.4	2.3	.3												61	61	39	20		
4 / 39	.2	.5	.9	1.3	3.0	.8												62	62	61	25		
2 / 37	.1	.9	2.5	2.4	1.4	.5												72	72	36	22		
2 / 35	.1	1.7	3.0	2.4	1.5	.2												83	83	69	28		
34 / 33	.2	1.8	1.3	2.2	1.0	.2												62	62	95	35		
2 / 31		2.2	1.9	3.2	1.9	.1												87	87	92	48		
30 / 29	.2	1.2	1.8	3.2	.6													66	66	67	47		
2 / 27		.8	1.9	3.0														53	53	68	54		
2 / 25	.3	.4	2.3	1.5														42	42	68	63		
24 / 23		.1	1.5	1.1														25	25	74	37		
2 / 21		.2	1.9	.5														25	25	42	52		
10 / 19		.2	1.0	.2														13	13	43	75		
1 / 17			1.4															13	13	18	46		
1 / 15			.8															7	7	11	42		
14 / 13			.1															1	1	16	44		
12 / 11		.2																2	2	4	46		
10 / 9		.3																3	3	3	45		
8 / 7		.1																1	1	4	36		
Element (X)	Σ X'		Σ X		Σ		Σ _n		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

13705

ANDREWS AFB MD

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1200-1400

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705

ANDREWS AFB MD

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point
74/ 73								.2									2	2		
72/ 71						.1	.2										3	3		
70/ 69							.1										1	1		
68/ 67							.5										5	5		
66/ 65							.1	.1									2	2		
64/ 63				.2				.2									4	4		
62/ 61		.1	.3				.2		.2								8	8	5	
60/ 59		.1					.3	.4									8	8	3	
58/ 57		.4	.2		.2	.4	.2	.2									16	16	7	1
56/ 55		.4	.4		.1	.3			.2								14	14	8	9
54/ 53		.1	.1	.1	.2	.2	.2	.1									10	10	10	6
52/ 51			.1	.1	.8	.6	.2										17	17	3	8
50/ 49		.2		1.2	.2	.4	.4										23	23	8	4
48/ 47		.3	.2	1.3	1.0	.9	.5										39	39	15	5
46/ 45		1.8	.6	1.3	.5	1.5	.2										56	56	19	8
44/ 43		1.4	1.1	1.1	1.4	1.1	.1										57	57	44	7
42/ 41		1.1	.8	1.6	1.3	.6											50	50	41	20
40/ 39	.2	.3	1.4	2.5	1.7	1.1											67	67	53	25
38/ 37	.1	1.5	1.8	2.9	1.5	.3											76	76	43	17
36/ 35	.4	1.9	2.2	2.7	1.1	.5											82	82	78	38
34/ 33	.2	.6	1.1	2.9	1.5	.2											61	61	85	49
32/ 31	.3	2.5	2.8	3.4	2.5												107	107	88	34
30/ 29	.1	.4	1.6	3.3	.6												57	57	75	50
28/ 27		1.0	1.1	2.9	.1												47	47	68	57
26/ 25	.1	.8	2.3	1.8													46	46	82	43
24/ 23			1.4	1.0													22	22	70	47
22/ 21	.3		1.0														12	12	49	46
20/ 19			1.7	.4													20	20	31	66
18/ 17			.9														8	8	8	53
16/ 15			.4														4	4	20	57
14/ 13			.1														1	1	10	35
12/ 11		.1															1	1	1	54
10/ 9		.4															4	4	2	41
8/ 7																		4	4	39
Element (X)	Σ x ¹		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total	
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point				
74/ 73							.1													1	1			
72/ 71							.1													1	1			
70/ 69							.1													1	1			
66/ 65						.2														2	2			
64/ 63				.1	.1															2	2			
62/ 61			.2		.3	.1		.1	.1											8	8	2		
60/ 59		.1			.1		.1													3	3	1		
58/ 57		.8	.1																	8	8	5		
56/ 55		.4		.2		.1	.1													8	8	12	6	
54/ 53		.1			.1	.1														3	3	6	9	
52/ 51		.3	.4		.2	.1														10	10	2	2	
50/ 49		.5	.3	.2	.4	.3														17	17	8	8	
48/ 47		.4	.5	.8	.2	.3														21	21	9	5	
46/ 45		.8	.9	.5	.6	.5														31	31	11	10	
44/ 43		1.0	1.2	1.4	1.2															44	44	24	6	
42/ 41	.1	.6	1.4	1.7	.6	.2														44	44	28	11	
40/ 39	.6	1.4	1.0	1.1	1.2	.1														50	50	42	23	
38/ 37	.3	1.5	2.3	2.4	.6	.1														67	67	47	18	
36/ 35	.5	1.2	3.0	2.8	1.1															80	80	57	36	
34/ 33	.5	2.8	3.3	3.1	.1															92	92	68	34	
32/ 31	.1	2.9	4.0	3.4	.6															103	103	88	54	
30/ 29	.1	1.0	3.2	2.4	.1															63	63	94	37	
28/ 27	.1	.9	2.7	2.7																59	59	76	50	
26/ 25		2.2	3.8	1.8																72	72	79	65	
24/ 23		.5	2.8	.4																35	35	79	35	
22/ 21	.1	.5	3.6	.1																40	40	54	56	
20/ 19	.4	.3	1.6																	22	22	54	77	
18/ 17		.1	1.3																	13	13	30	52	
16/ 15		.1	.6																	7	7	13	62	
14/ 13		.4	.9																	12	12	13	36	
12/ 11		.1																		1	1	13	40	
10/ 9		.5	.2																	7	7	5	53	
8/ 7		.1	.1																	2	2	5	39	
6/ 5																						4	26	
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

1800-2000
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD

70,73-81

YEARS

JAN
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
72/ 71									.1									1	1					
64/ 63			.3															3	3					
62/ 61					.2		.1	.1										4	4					
60/ 59		.2	.1		.1			.1										5	5	3				
58/ 57		.4	.2	.1				.1										8	8	3				
56/ 55		.6	.1	.2		.1												10	10	7	9			
54/ 53		.2	.1	.1		.2												6	6	9	5			
52/ 51			.4	.3	.1	.2												10	10	4	4			
50/ 49			.3	.3	.2	.2												10	10	5	3			
48/ 47		.6	.5		.3													14	14	6	2			
46/ 45		.1	1.2	1.0	.5	.5												31	31	17	6			
44/ 43		1.2	.8	.6	1.2	.1												36	36	12	10			
42/ 41	.1	.5	1.1	1.4	.5													34	34	32	13			
40/ 39	.8	.8	1.1	1.3	.4													40	40	32	23			
38/ 37	.4	1.4	1.3	2.8	.6	.1												62	62	38	14			
36/ 35	.8	1.6	2.3	1.9	.2													63	63	61	29			
34/ 33	.4	3.2	4.2	1.3	.4													89	89	55	34			
32/ 31	.2	3.0	5.8	2.8	.2													112	112	82	42			
30/ 29		1.5	3.7	1.6														63	63	92	45			
28/ 27	.1	2.6	2.3	1.2														57	57	75	43			
26/ 25	.1	2.2	2.9	.6														54	54	91	64			
24/ 23	.3	1.0	3.2	.6														48	48	55	61			
22/ 21	.1	1.3	4.9	.1														60	60	50	58			
20/ 19	.2	1.8	2.9															46	46	71	91			
18/ 17		.5	.9															13	13	60	39			
16/ 15		.4	1.0															13	13	13	38			
14/ 13		1.2	.9															19	19	17	45			
12/ 11		.6	.1															7	7	16	43			
10/ 9		.3																3	3	12	42			
8/ 7		.8																7	7	3	54			
6/ 5		.2																2	2	7	28			
4/ 3																				2	25			
2/ 1																					15			
0/ -1																					17			
Element (X)	Σ H		Σ H		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 6 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OLA) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

2100-2300

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

JAN
MONTH

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
4/ 73						.0	.0	.0										4	4				
7/ 71				.0		.0	.0		.0									6	6				
70/ 69				.0			.1											5	5				
60/ 67			.0			.0	.1											8	8				
66/ 65			.0			.0	.0	.0										8	8	2			
64/ 63		.0	.2	.1	.0	.0		.0										25	25	2			
62/ 61		.0	.1		.1	.0	.1	.0	.0									30	30	12			
50/ 59		.1	.1	.0	.0	.0	.1	.1	.1	.0								42	42	21			
50/ 57		.4	.1	.1	.1	.1	.1	.1	.0									66	66	34			
50/ 55		.3	.2	.1	.1	.1	.1	.1		.1								73	73	47			
47/ 53		.3	.1	.1	.2	.1	.1	.1	.0									69	69	54			
27/ 51	.0	.1	.2	.2	.2	.3	.1											84	84	42			
50/ 49		.2	.2	.6	.2	.3	.1											117	117	49			
40/ 47	.0	.6	.3	.5	.5	.3	.1											167	167	70			
40/ 45		.9	.6	.7	.6	.6	.0											255	255	131			
44/ 43	.0	1.0	.7	.9	.8	.3	.0											286	286	176			
42/ 41	.1	1.2	.8	1.3	.8	.2												317	317	237			
40/ 39	.5	1.2	1.4	1.3	1.2	.3												431	431	298			
30/ 37	.3	1.8	1.7	2.5	.8	.1												543	543	307			
30/ 35	.4	2.1	2.5	2.3	.6	.1												598	598	501			
30/ 33	.4	2.5	2.7	1.9	.5	.1												610	610	584			
22/ 31	.2	3.1	3.5	2.7	.7	.0												764	764	664			
20/ 29	.2	1.9	2.8	1.7	.2													502	502	675			
20/ 27	.4	1.9	2.2	1.5	.0													446	446	607			
20/ 25	.2	1.8	2.9	1.0														435	435	611			
24/ 23	.1	.9	2.3	.6														293	293	467			
22/ 21	.1	1.0	3.0	.2														321	321	402			
20/ 19	.1	1.6	2.4	.1														320	320	402			
18/ 17	.0	.8	1.3															161	161	324			
16/ 15	.2	.6	.9															123	123	211			
14/ 13	.1	1.0	.6															122	122	160			
12/ 11	.1	.8	.1															79	79	118			
10/ 9	.0	.8	.1															68	68	102			
8/ 7	.0	.4	.0															31	31	72			
Element (X)	Σ X'		Σ X		X		σ _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 86 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

13705	ANDREWS AFB MD
STATION	STATION NAME

70,73-81

YEARS

JAN
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705

ANDREWS AFB MD

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL																		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
66/ 67							.4											3	3																	
62/ 61			.2															2	2																	
58/ 59		.1	.1	.1				.6										8	8																	
58/ 57		.1			.2	.1	.1	.1										6	6	4																
54/ 55		.5	.4	.4	.2	.1	.1											14	14	5																
44/ 53		.4	.7	.4	.2	.1												15	15	4																
42/ 51		.5	.6	.4	.7	.2												20	20	12																
50/ 49		.2	.5	.5	.6	.8												22	22	11																
48/ 47		.4	.4	.7	.4	.1	.2											18	18	16																
44/ 45	.1	.4	.5	.1	.5	.6	.1											19	19	19																
44/ 43	.2	1.7	.4	.4	.7	.1												29	29	25																
42/ 41	.4	.2	1.3	1.1	.6	.1												31	31	29																
40/ 39	.4	.4	.9	1.5	.4													30	30	23																
38/ 37		1.9	2.5	1.8	.1													53	53	24																
36/ 35	.1	2.0	2.5	1.4	.1													52	52	58																
34/ 33		2.5	3.2	2.1														66	66	58																
32/ 31		2.4	4.1	1.4	.1													68	68	54																
30/ 29	.2	1.8	4.0	1.2	.5													65	65	64																
28/ 27	.1	1.9	3.9	2.1	.1													69	69	64																
26/ 25		2.2	3.9	.8														59	59	65																
24/ 23	.2	1.9	3.2															45	45	72																
22/ 21	.6	2.5	3.1	.1														53	53	78																
20/ 19		1.8	2.7															38	38	47																
18/ 17		.7	2.2															25	25	37																
16/ 15	.1	1.2	.5															15	15	28																
14/ 13		.4	.6															8	8	27																
12/ 11		.6	.4															8	8	4																
10/ 9		.1																1	1	10																
8/ 7		.1																1	1	5																
6/ 5		.1																1	1	26																
4/ 3																				1																
2/ 1		.2																2	2	14																
0/ -1																				2																
-2/ -3																				11																
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ																	
Rel. Hum.																																				
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				
Mean No. of Hours with Temperature																		Total																		
																		≤ 6 F	≤ 32 F	≤ 67 F																
																		≤ 73 F	≤ 80 F	≤ 93 F																

USAFETAC FORM 0-24-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

FEB
MONTH

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
- / -5																					6
- / -7																					7
- / -9																					1
- / -17																					1
- / -19																					2
TIAL	2.5	29.0	42.7	16.4	5.4	2.4	.9	.7											846		846
																		846		846	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705
STATION

ANDREWS AFB MD
STATION NAME

70, 73-81
YEARS

YEARS

FEB
MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
67 / 67							.1											1	1		
66 / 65							.2											2	2		
65 / 61			.2															2	2		
64 / 59		.1						.2										3	3		
63 / 57			.4				.2	.1										6	6	3	1
62 / 55		.7	.2	.1	.2	.1												12	12	4	2
61 / 53		.1	.5	.1	.1	.2												9	9	8	5
60 / 51	.1	.8	.6	.6	.2													20	20	11	8
59 / 49		.5	.5	.4	.4	.2												16	16	7	7
58 / 47	.2	.2	.4	.6	.5	.2												18	18	17	8
57 / 45		.5	.6	.7	.6	.1												21	21	16	9
56 / 43	.5	.8	.1	.5	.8	.1												24	24	19	15
55 / 41	.5	.8	.7	.7	.8													30	30	25	13
54 / 39	.1	.7	1.7	1.3	.4	.1												36	36	23	16
53 / 37	.1	1.8	2.5	1.4	.5													53	53	23	10
52 / 35	.1	3.3	1.9	1.9	.1													62	62	58	15
51 / 33	.2	.9	1.7	1.5														37	37	60	34
50 / 31	.2	2.4	4.6	1.9	.4													80	80	45	46
49 / 29	.6	2.0	3.4	.4														54	54	58	25
48 / 27		2.4	3.9	.9	.1													62	62	70	52
47 / 25		3.0	3.7	.8														63	63	68	42
46 / 23	.2	1.8	3.7	.1														49	49	65	46
45 / 21	.9	1.8	3.3	.2														53	53	60	42
44 / 19		3.1	2.8															50	50	66	66
43 / 17		1.5	1.9															29	29	42	51
42 / 15		.4	1.3															14	14	33	51
41 / 13		1.8	.4															18	18	23	48
40 / 11		.8																7	7	21	36
39 / 9		.6	.5															9	10	6	49
38 / 7		.2																2	2	7	38
37 / 5																				4	25
36 / 3																					17
35 / 1		.4																3	3		17
34 / -1																				3	21
Element (X)	Σ x ²		Σ x		Σ		σ _x		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

13705
STATION

ANDREWS AFB MD

70,73-81

FEB

PAGE 2

0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

FEB

MONTH

NOV 11 1963

USAFETAC
FORM
MAY 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

FEB

STATION

STATION NAME

YEARS

MONTH

0900-1100

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

FEB

MONTH

0900-1100

MOUSE (L. S. T.)

[illegible]

USAFETAC
FORM
AA 44
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATC WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1375 STATION ANDREWS AFB MD 70,73-81 YEARS FEB MONTH
PAGE 1 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
7 / 77											.4							3	3						
76 / 75									.5									4	4						
74 / 71				.2		.1	.4	.1			.2							9	9						
73 / 69				.1		.1	.1	.1		.1	.1							6	6						
71 / 67				.1		.1		.1	.5	.2								9	9						
67 / 65					.1		.1	.4	.6	.1								11	11	3					
64 / 63							.4	.6										8	8						
63 / 61			.2	.2	.1		.4	.6	.2									15	15	5	3				
61 / 59		.2	.1	.2				.6	.2									12	12	8					
59 / 57		.9	.2	.2	.2	.2	.2	.4										21	21	13	4				
58 / 55		.2	.4		.6	.9	1.1	.6	.2									34	34	7	6				
54 / 53		.5	.1	.1	1.2	.2	.9	.8	.2									35	35	16	9				
52 / 51		.5	.2	.2	.1	.4	1.5	.4										28	28	18	11				
50 / 49	.1	.1	.2	.4	.4	1.9	.7											32	32	26	14				
48 / 47		.2	.4	.6	1.7	.8	.7											37	37	21	4				
47 / 45	.1	.2	.6	.2	.9	1.1	.9	.2										37	37	32	7				
44 / 43	.2	.2	.8	.9	1.5	1.1	.8											48	48	27	8				
42 / 41	.1	1.3	.9	.8	1.9	.8	.1											51	51	46	12				
40 / 39		.7	1.1	.6	1.5	1.1	.2											44	44	63	24				
38 / 37		1.3	.6	1.8	2.4	.7												57	57	54	29				
36 / 35		.9	.8	2.2	2.0	.2												53	53	53	31				
34 / 33	.4	.4	1.7	2.6	2.1													60	60	51	31				
32 / 31	.2	.9	2.1	3.4	2.1	.1												76	76	67	41				
30 / 29		.5	.9	2.5	1.1													42	42	57	38				
28 / 27		.7	.4	2.8	.2													35	35	77	37				
26 / 25		.8	.4	1.3														21	21	55	46				
24 / 23			.4	.8														10	10	54	30				
22 / 21		.8	.5	.6														16	16	32	42				
20 / 19		.6	.9	.2														15	15	24	71				
18 / 17			.5															4	4	8	49				
16 / 15			.8															7	7	12	51				
14 / 13			.2															2	2	8	35				
12 / 11																			1	3	46				
10 / 9	.1																	1	1	2	42				
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature					± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total	
Rel. Hum.																									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

13745

ANDREWS AFB MD

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1200-1400

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATA WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13715 STATION ANDREWS AFB MD 70,73-81 YEARS FEB MONTH
PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
79									.1		.2		.1					1	1				
75									.1		.2							3	3				
73								.1	.4	.1	.2							7	7				
71							.1	.2	.1	.1	.1							6	6				
69				.1		.1	.1	.1	.1	.2	.4							10	10				
67			.2		.1		.1	.1	.1	.5	.1							11	11				
65							.1	.8	.2									10	10	1			
63		.1		.5			.1	.6	.4	.1								15	15	2			
61		.1	.5		.1		.2	.4	.5	.1								16	16	1	3		
59		.7	.2			.1	.1	1.1	.1									20	20	7	2		
57		.4	.1			.8	.4	.2		.4								19	19	22	3		
55		.4	.5		.1	.5	.6	1.1	.2									28	28	11	10		
53	.1	.2	.1	.2	.5	.6	1.3	1.2										36	36	13	7		
51		.5	.2	.5	.2	.7	1.4	.4										33	33	22	8		
49			.1	.4	.6	1.1	.9											26	26	18	8		
47		.7	.9	.8	1.4	1.1	1.5	.5										59	59	22	7		
45		.4	.2	.4	1.3	1.2	.8	.1										37	37	34	4		
43		.5	.2	.7	1.9	1.3	.2											41	41	32	15		
41	.2	.5	.8	.6	1.1	.9	.1											36	36	59	3		
39		.6	1.4	.8	2.0	2.1												59	59	53	26		
37		1.1	.6	1.5	2.4	.4												50	50	51	31		
35	.4	.4	.8	1.8	4.3	.5												68	68	68	34		
33	.1	1.3	.9	2.0	1.8	.1												53	53	45	22		
31		1.5	1.3	1.9	3.2	.1												68	68	74	42		
29		.7	.5	3.1	.8													43	43	55	31		
27		.4	.1	1.8	.5													23	23	78	50		
25		.7	.6	1.7														25	25	35	48		
23			.1	.6														6	6	56	35		
21	.4	.2	.5	.4														12	12	36	42		
19	.1	.7	.8															14	14	24	66		
17			.2															2	3	8	54		
15			.5															4	4	8	41		
13																				2	41		
11		.1																1	1	4	42		
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		
Rel. Hum.																							
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

13705
STAT

ANDREWS AFB MD

70,73-81

FEB

PAGE 2

1500-1700

[illegible]

PSYCHROMETRIC SUMMARY

1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point				
71										.1								1	1						
69									.1	.1								2	2						
67			.1				.2		.1									4	4						
65				.1		.1	.1	.4		.1								7	7						
63		.1		.1		.1		.1										4	4	1					
61		.1	.6	.1	.1		.2	.4	.5									17	17	1					
59		.1	.6	.1	.5	.4	.5	.4	.1									22	22	5					
57		.1	.1		.2	.4	.1	.2	.1									11	11	6					
55		.1	.5	.1	.5	.2	.9	.1	.1									22	22	10					
53		.5	.1			.5	.5	.1										14	14	9					
51		.7	.2			.1	.4	.1										13	13	9					
49		.4	.1	.7	.2		.5											21	21	8					
47		.8	1.1	.6	.6	1.2	.2											38	38	19					
45	.1	.4	.9	.5	1.8	1.1	.2											42	42	19					
43		.4	1.1	1.2	1.9	.8												45	45	35					
41		.7	.5	1.4	1.4	.4												37	37	27					
39	.2	.8	.6	2.5	1.7	.4												52	52	31					
37	.1	1.9	.6	1.9	1.7	.1												53	53	60					
35	.2	1.3	1.1	2.6	2.0													61	61	64					
33	.1	1.2	1.3	4.0	1.4													68	68	66					
31	.1	1.9	1.4	4.9	1.4													82	82	50					
29		1.2	2.6	2.2	.6													56	56	60					
27	.1	.6	1.9	3.8	.1													55	55	77					
25	.1	1.1	1.8	1.7														39	40	78					
23	.4	.2	.6	1.3														21	21	62					
21		.4	.8	.7														16	16	47					
19		.7	1.5	.1														20	20	28					
17		.7	.4															9	9	20					
15			.5															4	4	18					
13			.1															1	1	4					
11		.4	.1															4	4	2					
9			.4															3	3	4					
7																				3					
5		.1																1	1	1					
Element (X)	ΣX'			ΣX			X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.													≤ 6 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 86 F		≥ 93 F		Total
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

<u>13775</u>	<u>ANDREWS AFB MD</u>
STATION	STATION NAME

70,73-81

YEARS

FEB
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13795 ANDREWS AFB MD 70,73-81 FEB
STATION STATION NAME YEARS MONTH
PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
60/ 67							.2											2	2					
56/ 65							.2											2	2					
54/ 63							.2	.1										3	3					
52/ 61			.4				.1	.1										4	4					
50/ 59			.2	.2	.2	.4	.2											11	11					
48/ 57		.1		.2	.2	.5	.5	.4										16	16	3				
50/ 55			.6	.5	.6	.4	.4	.2										22	22	5	3			
47/ 53		.5	.8	.4		.6	.7											25	25	8	3			
52/ 51		.7	.4	.2	.6	.1		.1										18	18	14	4			
50/ 49		.4	.2	.1	.2	.1	.1											10	10	20	6			
48/ 47		.7	.2	.2	.5	.1	.4											18	18	23	12			
46/ 45	.4	.5	.9	.2	.4	.6												25	25	20	15			
47/ 43		.5	.7	1.7	1.1	.5	.1											38	38	30	17			
42/ 41	.2	.4	1.2	2.1	.5	.1												38	38	21	17			
40/ 39	.1	.9	.5	2.4	1.2	.1												44	44	26	14			
38/ 37	.5	2.1	1.3	2.2	.6													57	57	38	18			
36/ 35		1.2	2.4	1.5	.6													48	48	59	25			
34/ 33	.1	1.8	3.0	2.2	.7													66	66	66	26			
32/ 31	.2	2.2	2.5	2.6	.4													67	67	59	44			
30/ 29	.2	1.2	4.1	3.4														76	77	59	21			
28/ 27		1.8	3.2	2.6														64	64	56	51			
26/ 25	.1	1.1	2.8	1.4														46	46	84	73			
24/ 23	.1	.5	2.5	.6														31	31	64	38			
22/ 21	.2	1.5	3.1	.5														45	45	60	38			
20/ 19	.1	.9	2.1	.4														30	30	45	69			
18/ 17	.1	1.2	.9															19	19	30	52			
16/ 15		.4	.5															7	7	28	48			
14/ 13		.2	.2															4	4	11	40			
12/ 11		.2	.1															3	3	5	52			
10/ 9																				4	33			
8/ 7		.4																3	3	1	40			
6/ 5		.2																2	2	3	20			
4/ 3		.1																1	1	3	18			
2/ 1																					16			
Element (X)	Σ x'		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) JAN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

13705
STATION

ANDREWS AFB MD

70,73-81

FEB
MONTH

PAGE 2

2100-2300
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD
STATION STATION NAME

70,73-81

YEARS

FEB
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point											
79													.0														1	1			
77													.0														3	3			
75													.0														7	7			
73													.0	.1	.0												8	8			
71					.0		.0	.1	.0	.0	.0		.0														16	16			
69					.0		.0	.1	.1	.0	.0		.1														22	22			
67				.0	.0	.0	.0	.1	.0	.1	.1		.0														33	33			
65				.0	.0	.0	.0	.1	.2	.1	.0																37	37	5		
63		.0		.1	.0	.0	.1	.2	.0	.0																	32	32	4		
61		.0	.4	.1	.0	.0	.1	.2	.1	.0																	69	69	8	8	
59		.2	.2	.1	.1	.1	.2	.4	.1																		88	88	24	6	
57	.0	.3	.1	.1	.1	.3	.3	.2	.0	.0																	99	99	70	14	
55		.4	.4	.1	.3	.4	.4	.3	.1																		165	165	54	40	
53	.0	.4	.4	.2	.3	.4	.5	.3	.0																		169	169	79	56	
51	.0	.5	.4	.3	.3	.3	.4	.1																			168	168	108	57	
49	.1	.3	.3	.4	.4	.7	.3	.0																			175	175	128	66	
47	.0	.5	.6	.6	.8	.5	.4	.1																			233	233	157	59	
45	.1	.4	.6	.4	.8	.7	.3	.0																			223	223	176	72	
43	.2	.6	.6	.9	1.2	.6	.2																				282	282	213	106	
41	.2	.6	.9	1.1	1.0	.3	.1																				285	285	252	94	
39	.2	.7	1.0	1.7	1.1	.6	.0																				360	360	281	160	
37	.2	1.6	1.3	1.8	1.2	.2																					423	423	320	157	
35	.2	1.8	1.8	1.9	1.3	.1																					478	478	448	210	
33	.2	1.2	2.0	2.4	.9	.0																					458	458	483	207	
31	.1	1.9	2.6	2.6	1.2	.0																					574	574	457	328	
29	.3	1.3	2.7	2.1	.4																						460	461	488	271	
27	.0	1.4	2.4	2.2	.1																						418	418	545	359	
25	.1	1.5	2.4	1.3																							355	356	524	413	
23	.1	.9	2.0	.5																							241	241	515	328	
21	.3	1.2	2.0	.4																							259	259	405	321	
19	.0	1.5	1.9	.1																							242	242	324	504	
17	.0	.8	1.2																								141	142	221	419	
15	.1	.4	.8																								82	82	179	388	
13	.0	.4	.4																								53	53	119	327	
Element (X)	Σ x ²			Σ x			Σ	Σ x			Σ x			Σ x			Σ x			Σ x			Σ x			Σ x			Σ x		
Rel. Hum.																															
Dry Bulb																															
Wet Bulb																															
Dew Point																															

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

<u>127.5</u>	<u>ANDREWS AFB MD</u>
STATION	STATION NAME

70,73-81

YEARS

FEB
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

127.5 STATION ANDREWS AFB MD

70,73-81

YEARS

MAR
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1/ 71							.2											2	2		
2/ 69					.1	.4		.2										7	7		
3/ 67				.1	.2	.4	.1											8	8		
4/ 65		.1	.1	.2		.2	.2											8	8		
5/ 63			.1	.2	.1	.3	.3											10	10	2	
6/ 61			.2	.1	.3	.2												8	8	6	2
7/ 59		.3	.8		.3	.2												15	15	10	1
8/ 57		.4	.6	.3	.2	.1												16	16	14	7
9/ 55		1.0	.2	.4	1.1	.2												27	27	19	4
10/ 53	.2		.4	.8	1.1	.8		.1										31	31	21	22
11/ 51	.1	.2	1.2	1.4	.6	.6	.1											40	40	14	19
12/ 49		1.2	1.0	1.6	.9	.6	.4											53	53	22	9
13/ 47	.3	1.9	1.3	1.2	1.7	.5												65	65	44	20
14/ 45	.1	2.2	1.0	.9	.8	.1												46	46	49	33
15/ 43	.1	1.8	1.7	1.3	1.1	.3												59	59	71	36
16/ 41	.5	1.4	2.2	2.3	1.8	.1												77	77	58	55
17/ 39	.5	.4	4.0	2.7	1.6	.1												87	87	59	40
18/ 37	.3	1.7	3.5	3.2	.6													88	88	57	34
19/ 35	1.0	1.7	3.1	3.2	.5													89	89	105	48
20/ 33	.6	1.0	2.4	2.7	.5													67	67	102	57
21/ 31		.8	1.5	1.9	.8													46	46	73	65
22/ 29		.8	1.4	1.8	.1													38	38	57	68
23/ 27		.1	1.2	.5														17	17	50	60
24/ 25		.2	.9															10	10	44	58
25/ 23		.1																1	1	29	31
26/ 21			.1															1	1	9	73
27/ 19			.4															4	4		49
28/ 17		.3	.1															4	4	2	25
29/ 15		.3	.3															6	6	7	22
30/ 13																				4	29
31/ 11																				2	24
32/ 9																					22
33/ 7																					4
34/ 5																					1
Element (X)	Σ X'		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature							Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

MAR
MONTH

PAGE 2 0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

13705
STATIC

ANDREWS AFB MD
STATION NAME

70,73-81

YEARS

MAR
MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
67 / 67				.1	.2	.3	.1											7	7				
66 / 65		.1	.1	.2	.3	.3												10	10				
64 / 63		.1	.3	.2	.1	.2												9	9	2			
62 / 61			.2	.3	.1	.3												9	9	3	2		
60 / 59		.3	.8	.2	.1	.1												14	14	10	1		
58 / 57	.1	.4	.3	.1	.2													11	11	15	6		
56 / 55			.4	1.1	.4													18	18	18	7		
54 / 53	.5	.2	.8	.9	.3	.2												27	27	12	19		
52 / 51		.2	.9	1.6	.4	.3												32	32	14	13		
50 / 49		.8	.9	.9	1.4	.5	.1											42	42	19	11		
48 / 47	.3	2.0	.8	1.5	.5	.4												52	52	34	15		
46 / 45		2.9	1.7	1.0	.6	.3												61	61	51	34		
44 / 43	.4	2.2	1.9	.8	.6	.2												57	57	55	43		
42 / 41	.5	1.2	2.2	2.6	1.1	.3												73	73	71	46		
40 / 39	1.0	1.4	3.0	2.3	.9	.2												81	81	52	42		
38 / 37	.2	2.2	4.5	2.2	.1													85	85	65	41		
36 / 35	1.1	1.5	3.0	2.3	.6													79	79	86	39		
34 / 33	.3	2.0	3.4	1.8	.4													75	75	96	66		
32 / 31	.1	1.1	2.7	2.8	.3													65	65	79	67		
30 / 29		1.7	2.6	1.1														50	50	58	53		
28 / 27		.5	1.3	.6														23	23	65	56		
26 / 25	.1	.9	1.2	.1														21	21	52	60		
24 / 23		.4	.3															7	7	34	33		
22 / 21		.4	.2															6	6	16	75		
20 / 19			.3															3	3	7	39		
18 / 17			.4															4	4	3	32		
16 / 15		.3	.2															5	5	3	32		
14 / 13			.3															3	3	5	37		
12 / 11																				1	20		
10 / 9																				3	17		
8 / 7																					7		
6 / 5																					4		
4 / 1																					6		
2 / -1																					1		
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Num.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

MAR
MONTH

0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
-2/ -3																					1	
-4/ -5																					2	
-6/ -7																					2	
TOTAL	4.7	22.9	34.8	24.5	8.9	3.9	.2												929		929	
																			929		929	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD

70,73-81

YEARS

MAR

MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
68/ 67			.2	.2	.1	.1												6	6				
66/ 65		.1		.3	.2	.1		.1										8	8				
64/ 63				.4	.1	.3												8	8	3			
62/ 61			.3	.2	.1	.1												7	7	3	3		
60/ 59		.3	1.2	.3	.1													18	18	5			
58/ 57		.4	.5	.3	.4													16	16	15	3		
56/ 55		.4	.5	.5	.2		.1											17	17	20	7		
54/ 53	.1		1.0	.6	.4	.2												22	22	16	21		
52/ 51	.1	.5	1.3	.9	.4	.3												33	33	12	14		
50/ 49	.1	1.1	1.5	.9	.6	.1												40	40	29	13		
48/ 47	.3	2.5	1.7	1.9	1.1	.4												74	74	36	27		
46/ 45	.1	2.7	1.3	.9	.5	.2												53	53	58	42		
44/ 43	.3	1.6	.3	1.2	1.0	.1												42	42	55	39		
42/ 41	1.1	1.5	2.6	2.9	1.1	.2												87	87	60	42		
40/ 39	1.5	1.2	2.6	1.7	1.0	.4												78	78	50	60		
38/ 37	.3	2.9	2.5	3.0	.5													86	86	75	26		
36/ 35	1.2	1.7	4.4	1.8	1.0													94	94	87	38		
34/ 33	.2	1.4	2.8	1.8	.2													60	60	90	62		
32/ 31		.9	2.0	3.0	.2													57	57	73	65		
30/ 29	.3	1.1	1.8	.9	.2													40	40	58	59		
28/ 27	.1	.9	1.5	1.3														35	35	55	50		
26/ 25		.8	1.2	.2														20	20	54	55		
24/ 23		.8	.4															11	11	32	50		
22/ 21			.1															1	1	24	55		
20/ 19		.3	.2															5	5	3	32		
18/ 17			.1															1	1	3	30		
16/ 15		.2	.1															3	3	2	36		
14/ 13		.2	.5															7	7	4	32		
12/ 11		.1																1	1	2	25		
10/ 9																			6		19		
8/ 7																					7		
6/ 5																					4		
4/ 3																					3		
2/ 1																					5		
Element (X)	Σ X ¹		Σ X ²		Σ X		Σ X ²		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

13705
STATION

ANDREWS AFB MD STATION NAME

70,73-81

YEARS

MAR
MONTH

PAGE 2

0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
-4 / -3																					1		
-3 / -5																					3		
-1 / -7																					2		
TAL	5.8	23.5	32.8	25.4	9.6	2.7	.1	.1											930		930		
																		930		930			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705
STATION

ANDREWS AFB MD
STATION NAME

70,73-81
YEARS

YEARS

MAR
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
79/ 79								.1										1	1				
76/ 75							.2		.2									4	4				
74/ 73						.1		.1										2	2				
72/ 71					.2	.2	.2	.1										7	7				
70/ 69			.1			.5	.1	.2	.1	.1								11	11				
68/ 67			.1		.8	.4	.2	.1	.2									17	17	1			
66/ 65				.2		.1	.1	.2	.3									9	9	2			
64/ 63		.1	.2	.8	.3	.6	.2	.2										23	23	5	1		
62/ 61			.2	.4	.5	.4	.4	.4										23	23	10	1		
60/ 59		.1	.2	.5	.2	.5	.2	.3										20	20	19	6		
58/ 57		.3	.5	.3	.3	.5	.8	.3										29	29	16	3		
56/ 55	.1	.3	1.5	1.0	1.0	.8	.5	.1										49	49	20	12		
54/ 53		.8	.8	.4	1.4	1.3	.8	.1										51	51	29	19		
52/ 51	.1	1.2	.5	1.6	.9	1.4	.9	.1										62	62	43	20		
50/ 49	.2	1.5	1.0	1.2	1.9	1.5	.4	.1										73	73	37	36		
48/ 47	.1	1.3	.5	.9	2.4	1.4	.6											67	67	58	35		
46/ 45	.1	1.2	.4	1.5	2.6	1.1	.1											65	65	70	32		
44/ 43	.4	1.5	.8	2.7	2.4	1.1	.1											83	83	54	30		
42/ 41	.5	1.2	.9	1.8	2.2	.6												67	67	72	51		
40/ 39	.5	1.1	1.4	2.2	1.4	.2												63	63	79	49		
38/ 37	.4	1.1	.8	1.8	1.3	.3												53	53	94	46		
36/ 35	.3	1.0	.9	1.4	1.8	.1												51	51	82	44		
34/ 33		.2	.4	1.8	1.1													33	33	65	42		
32/ 31		.1	.6	1.2	.3													21	21	36	68		
30/ 29	.2	.3	.4	1.1	.1													20	20	35	52		
28/ 27		.6	.3	.3														12	12	46	64		
26/ 25			.2															2	2	26	56		
24/ 23			.1	.1														2	2	15	48		
22/ 21			.2															2	2	4	27		
20/ 19			.2															2	2	3	30		
18/ 17																				2	33		
16/ 15			.1															1	1	1	35		
14/ 13		.2	.3															5	5	1	32		
12/ 11																				3	10		
Element (X)	Σ X'		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

MAR
MONTH

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1375
STATION

ANDREWS AFB MD
STATION NAME

70,73-81
YEARS

MAR
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
82/ 81								.1	.4	.1	.2							8	8	
81/ 79								.3		.2								5	5	
77/ 77							.1	.1	.1	.1	.3							7	7	
76/ 75							.1	.1	.1	.1	.2							6	6	
74/ 73							.2	.2	.2	.2	.2							10	10	
72/ 71						.1		.1	.1	.5								8	8	
69/ 69				.1	.4	.1	.4	.2	.6	.4								22	22	
67/ 67				.1	.8	.1	.6	.2	.4									21	21	1
65/ 65				.4	.3	.3	.3	.3	.8	.1								24	24	8
64/ 63			.2	.8	.1	.2	.5	.9	.1	.3								29	29	6
61/ 61		.2	.2	.5	.4	.6	.6	1.1	.6									41	41	17
59/ 59		.2	.8	.3	.3	1.0	1.1	1.0	.3									46	46	19
57/ 57		.1	1.7	.5	.8	.9	1.2	1.1	.2	.1								61	61	34
55/ 55		.4	1.0	.2	.3	1.6	1.6	1.2	.3									62	62	25
53/ 53	.2	.6	.6	.5	1.2	1.0	1.8	.5										61	61	57
51/ 51		.3	1.0	.8	1.2	1.9	2.0	.1										68	68	39
49/ 49		1.1	.3	.3	1.8	3.7	1.1	.2										79	79	52
47/ 47		.9	.4	.3	2.0	2.2	.8											61	61	61
45/ 45	.1	1.3	.2	.4	1.4	1.1	.8											49	49	75
44/ 43	.1	1.2	.4	.6	1.9	.9	.3											51	51	71
42/ 41	.2	.9	.9	1.0	1.3	1.4												52	52	92
40/ 39	.8	.1	1.0	.5	1.2	.4	.2											39	39	86
38/ 37	.3	.9	.5	.3	1.2	.4												34	34	60
36/ 35	.3	.6	.9	.2	2.0	.2												40	40	67
34/ 33		.1	.2	.1	.5													9	9	44
32/ 31	.1	.3		.5	.8													16	16	37
30/ 29		.2	.3	.3														8	8	22
28/ 27		.3		.3														6	6	23
26/ 25			.1															1	1	15
24/ 23																				11
22/ 21																				2
20/ 19			.1															1	1	38
18/ 17			.3															3	3	18
16/ 15			.2															2	2	1
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																				
Dry Bulb																				
Wet Bulb																				
Dew Point																				

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

MAR
MONTH
1500-1700
HOURS (L. S. T.)

1500-1700

[illegible]

FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1375 ANDREWS AFB MD
STATION STATION NAME

70,73-81
YEARS

MAR
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72								.1			.1							2	2		
71								.1										1	1		
70							.1		.3	.3								7	7		
69							.2	.1	.1									4	4		
68						.1		.2	.2									5	5		
67				.1		.1		.5		.1								8	8		
66				.1	.4	.1	.2	.1										9	9		
65		.1		.3	.5		.1	.2										12	12	1	
64		.1	.2	.8	.5	.5	.4	.1	.3									28	28	7	2
63	.1	.3	.4	.5	.3	.5	.3	.3	.3	.1								31	31	3	1
62		.3	.1	.5	.5	.3	.6	.6	.2									31	31	25	1
61			1.1	.9	.8	.9	.8	.8	.2	.1								50	50	25	9
60		.3	1.3	.6	.8	.6	1.2	.5	.2									52	52	19	16
59		.8	1.0	.6	.5	1.3	.9	.3										50	50	33	15
58		1.1	.5	.3	1.5	1.7	.9	.3										59	59	47	21
57	.2	1.1	.6	1.0	1.5	1.4	1.3											66	66	38	30
56		1.1	.4	1.3	2.6	2.4	.4											76	76	46	30
55	.2	1.8	.9	2.0	2.9	1.6	.9											96	96	55	41
54		.6	1.2	1.6	2.6	1.7	.1											73	74	76	43
53	.3	.8	.8	2.4	1.2	1.1												60	60	84	23
52	.5	.3	.4	1.4	2.9	.6												58	58	96	38
51	.4	.5	1.2	.5	.9	.6												39	39	92	39
50	.3	.4	.9	1.5	1.0													38	38	70	49
49	.1	1.1		1.0	.9													28	28	78	42
48		.4	.3	.8	.6													20	20	35	71
47		.6	.1	.8														14	14	35	71
46			.2	.3														5	5	27	52
45																				16	69
44																				14	39
43																					46
42			.3															3	3		41
41																				3	30
40	.2	.1																3	3	2	33
39																				1	24
Element (X)	Σ X'		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

13795	ANDREWS AFB MD
STATION	STATION NAME

70,73-81

YEARS

MAR

MONTH

PAGE 2

1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1. / 11																					20
/ 9																					16
/ 7																					6
/ 5																					6
/ 3																					4
I L L	2.5	12.0	12.0	19.4	23.0	15.7	8.4	4.4	1.9	.6	.1								929		928
																		928		928	

PSYCHROMETRIC SUMMARY

MAR

MONTH

2100-2300

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

MAR
MONTH
ALL
HOURS (L. S. T.)

PAGE 2

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD
STATION STATION NAME

70,73-81
YEARS

APR
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
74/ 73								.1		.1								2	2			
73/ 71				.2	.1		.6	.1	.1	.2								12	12			
71/ 69			.1	.4	.2	1.2	.2	.2	.1									23	23			
69/ 67				.6	.2	.1												8	8	2		
67/ 65		.1	.2	.2	.8		.8											19	19	2	1	
65/ 63		.1	.4	1.7	.3	.3	.4	.2										32	32	9	2	
63/ 61		.3	1.1	1.2	.7	.8	.2											39	39	12	3	
61/ 59		.4	1.3	.2	1.0	.7	.3	.4	.1									41	41	29	14	
59/ 57		.7	.9	.6	1.6	.6	.2	.7										46	46	50	9	
57/ 55	.6	1.9	1.4	.8	1.7	1.1	.4	.1										72	72	34	23	
55/ 53	.3	.8	.9	1.6	1.0	1.6												55	55	44	57	
53/ 51	.2	.6	2.4	1.6	2.1	1.1	.2											74	74	48	40	
51/ 49	.1	1.9	2.1	2.6	3.2	1.3	.3											104	104	63	27	
49/ 47		1.9	1.6	2.7	3.1	.1	.1											85	85	72	27	
47/ 45		.3	2.9	3.1	1.6	.3												74	74	80	54	
45/ 43		.6	1.1	2.1	1.7	.3												52	52	86	49	
43/ 41	.1	1.0	1.7	2.0	1.4	.3												59	59	92	54	
41/ 39		.6	1.0	1.3	.9	.3												37	37	86	60	
39/ 37	.2	.6	1.4	1.1	.6	.1												36	36	52	66	
37/ 35	.1	.3	.8	.6	.2													18	18	51	56	
35/ 33	.1	.2	.2	.3														8	8	45	77	
33/ 31			.3	.1														4	4	22	74	
31/ 29																				15	50	
29/ 27																				6	45	
27/ 25																					23	
25/ 23																					10	
23/ 21																					29	
21/ 19																					26	
19/ 17																					12	
17/ 15																					3	
15/ 13																					1	
13/ 11																					4	
11/ 9																					4	
Element (X)	Σ X'		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature								Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

13705

ANDREWS AFB MD

70,73-81

APR

MONTH

PAGE 2

0000-0200

MOORE (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705
STATION

ANDREWS AFB MD
STATION NAME

70, 73-81

YEARS

APR
MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71				.1			.3											4	4		
70/ 69					.1	.2												3	3		
68/ 67			.2	.7	.7	.6		.1										20	20		
66/ 65			.1	.6	.3	.2	.2											13	13	3	
64/ 63		.3	.3	.8	.2	.2	.6											22	22	4	3
62/ 61		.2	1.3	.7	.3	.4	.3	.1										31	31	11	3
60/ 59	.3	.4	2.7	1.1	1.0	.3	.1											54	54	30	9
58/ 57		.9	.9	.6	1.0	1.0												39	39	33	12
56/ 55	.3	1.4	.4	.6	.7	.6	.1	.1										38	38	39	25
54/ 53	.1	1.1	1.6	1.3	1.3	.8	.2											58	58	44	51
52/ 51	.2	1.9	2.1	1.8	1.4	.8	.1											75	75	40	38
50/ 49	.2	1.0	2.4	2.2	2.7	.7												83	83	65	25
48/ 47		1.9	1.7	2.1	2.4	.4												77	77	55	38
46/ 45		1.9	3.7	4.4	1.7	.3												108	108	69	34
44/ 43	.2	.9	1.9	2.0	.3													48	48	83	56
42/ 41	.1	1.1	2.7	2.2	1.1	.2												67	67	86	52
40/ 39		.7	1.1	2.0	1.8	.3												53	53	105	65
38/ 37	.6	1.0	1.1	1.3	.3													39	39	58	65
36/ 35		1.1	1.2	1.3														33	33	44	62
34/ 33		.7	.6	.3	.2													16	16	50	63
32/ 31			.8	.3														10	10	38	84
30/ 29		.3	.4	.1														8	8	24	61
28/ 27			.1															1	1	10	37
26/ 25																				8	12
24/ 23																				1	20
22/ 21																					29
20/ 19																					27
18/ 17																					15
16/ 15																					3
14/ 13																					5
12/ 11																					5
10/ 9																					1
TOTAL	2.1	16.9	27.3	26.6	17.7	7.1	2.0	.3										900	900	900	900
Element (X)	Σ x ²		Σ x		Σ	Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.	4264473		60385		67.1	115.392		900		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F	
Dry Bulb	2212960		43930		48.8	8.741		900				1.9		2.7						90	
Wet Bulb	1796695		39491		43.9	8.429		900				8.1								90	
Dew Point	1385036		33984		37.8	10.641		900				29.9								90	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13715 ANDREWS AFB MD 70,73-81 APR PAGE 1 0600-0800
STATION STATION NAME YEARS MONTH HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
70 / 77								.1										1	1						
76 / 75								.1										1	1						
74 / 73						.1	.4											5	5						
72 / 71					.2	.1	.4											7	7						
70 / 69				.3	.4	.2	.1	.1										11	11						
68 / 67				.7	.7	.2												14	14						
66 / 65		.7	.2	1.0	.4		.2											23	23	1					
64 / 63		.1	.2	1.3	.6	.6	.2											27	27	15	4				
62 / 61		.6	1.1	.9	.6	.8	.1	.2										38	38	21	3				
60 / 59	.1	.7	1.6	.9	.8	.9	.3											47	47	35	17				
58 / 57		1.6	.9	1.0	1.8	.7	.9	.4										65	65	38	12				
56 / 55	.3	1.2	.4	.6	.8	1.6	.1	.1										46	46	41	48				
47 / 53	.2	1.1	1.0	2.4	2.0	1.7												76	76	46	44				
52 / 51	.1	1.7	1.8	2.2	1.4	.8	.1											73	73	35	27				
50 / 49	.1	.8	2.3	2.7	3.0	.6	.1											86	86	55	34				
48 / 47	.3	1.6	1.9	2.6	2.8	.6												87	87	72	34				
46 / 45	.1	.9	2.2	2.1	1.4	.4												65	65	102	37				
44 / 43	.2	1.4	2.0	2.4	1.4	.2												70	70	86	65				
42 / 41		.2	1.7	1.7	1.2													43	43	89	52				
40 / 39		1.0	.7	1.2	1.3	.4												42	42	67	63				
38 / 37	.1	.6	.4	1.0	1.0													28	28	54	55				
36 / 35	.1	.8	.8	.7	.2													23	23	44	57				
34 / 33	.1	.1	.4	.2	.1													9	9	43	75				
32 / 31	.1	.1	.4	.4														10	10	25	85				
30 / 29			.2															2	2	18	33				
28 / 27			.1															1	1	6	37				
26 / 25																				6	27				
24 / 23																				1	17				
22 / 21																					32				
20 / 19																					16				
18 / 17																					6				
16 / 15																					6				
14 / 13																					7				
12 / 11																					5				
Element (X)	Σ X'			Σ X			Σ	Σ	No. Obs.			Mean No. of Hours with Temperature										Total			
Rel. Hum.												≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

APR
MONTH

HOURS (L - S - T)

[illegible]

USAFETAC FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD

70,73-81

YEARS

APR

MONTH

PAGE 1 0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.S./W.B.	Dry Bulb	Wet Bulb	Dew Point				
89												.1	.1					2	2						
85										.2	.3	.1						6	6						
83									.2	.1	.1	.1						5	5						
81								.1	.4	.3	.1							9	9						
79								.6	.4	.1								10	10						
77							.7	.2	.1			.1	.1					11	11						
75						.2	.6	.6	.2	.1								15	15						
73					.1	.4	.3	.8	.2		.1	.1						19	19						
71				.1	.8	.8	.6	.2	.2	.1								25	25						
69				.1	.9	.7	.2	.9	.7		.1							32	32						
67		.1	.3	.7	.3	.4	1.3	.7	.3	.1	.1							40	40	10					
65		.1	.3	.8	.8	1.0	1.2	.8	.9	.3								56	56	26					
63		.6	.2	.2	.6	.4	1.2	1.6	.8	.3								53	53	33	2				
61		.2	.7	.4	.2	.7	1.4	1.6	.2	.1								50	50	43	10				
59		.7	.1	.9	.8	.9	2.0	1.4	.2									63	63	36	16				
57	.1	.6	.6	.7	.9	2.2	2.4	1.0	.1									77	77	34	39				
55	.1	1.1	.3	1.0	1.3	2.0	1.9	.4										74	74	50	41				
53		1.6	.9	1.1	.9	1.9	1.2	.1										69	69	54	37				
51	.1	.8	1.0	.8	1.7	1.1	1.0	.1										59	59	62	42				
49		.9	1.0	.6	2.4	1.1	.9											62	62	80	33				
47		.9	.6	.7	1.2	2.6	.3	.1										57	57	103	39				
45		.6	.7	.4	.9	1.7	.4											42	42	90	46				
43	.1	.7	.4	.4	1.1	.7												31	31	79	56				
41		.4		.1	1.1	.7												21	21	57	43				
39				.2	.4													6	6	45	39				
37			.1		.2	.1												4	4	37	50				
35					.1													1	1	30	70				
33					.1													1	1	18	60				
31																				8	57				
29																				4	48				
27																				1	43				
25																					23				
23																					24				
21																					32				
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1375 STATION ANDREWS AFB MD 70,73-81 YEARS APR MONTH

PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
8/ 95															.2			2	2					
4/ 93															.3			2	2					
1/ 91													.2					5	5					
1/ 89										.1		.3	.2					6	6					
8/ 87										.2	.2	.4	.3					11	11					
6/ 85									.1	.2	.2	.6	.6	.1				16	16					
4/ 83									.1	.4	.2	.1		.6				13	13					
1/ 81								.1	.8	.2			.1					11	11					
1/ 79						.2		1.0	.3	.3	.3	.2	.3					25	25					
7/ 77						.1	.2	1.3	.3	.9	.1							27	27					
2/ 75						.2	.1	.8	.6	.8	.2							24	24					
4/ 73						.3	.6	.6	.6	1.1	.4	.2						34	34					
1/ 71				.1	.6	.3	.3	.6	1.0	2.7	1.0	.3						62	62	2				
1/ 69		.3		.1	.7	.6	1.1	.2	.9	1.3	.8							54	54	6				
1/ 67			.3	.4	.3	.4	.7	.8	1.1	.7	.2							45	45	24	3			
6/ 65			.2	.3	1.1	.7	.8	1.0	3.3	1.1	.2							78	78	35				
4/ 63			.7	.7	.6	.3	.8	2.0	2.1	1.3								76	76	45	3			
1/ 61			.3	.3	.8	.9	1.6	1.3	1.9									64	64	33	6			
2/ 59			.3	.3	.2	.4	1.1	.9	1.2									41	41	55	13			
1/ 57		.8		.3	.4	.6	2.0	1.4	.4									54	54	59	28			
5/ 55		1.0	.6	.7	1.1	1.3	1.7	1.2	.1									69	69	56	46			
4/ 53		1.0	.4	.4	.8	1.1	.7	.6	.1									46	46	72	47			
2/ 51	.1	.7	.3	.2	.6	1.0	.9	.7										40	40	78	52			
80/ 49	.2		.1	.4	.3	1.0	1.0	.1										29	29	104	39			
1/ 47		.3	.1	.7	.4	.3	.8	.2										26	26	74	45			
4/ 45		.8	.7		.6	.5	.3											25	25	80	28			
4/ 43			.3			.2												5	5	62	33			
2/ 41		.2	.1			.2												5	5	44	34			
4/ 39		.3																3	3	24	47			
3/ 37		.1																1	1	26	72			
10/ 35		.1																1	1	13	64			
30/ 33																				8	69			
2/ 31																					51			
30/ 29																					48			
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ			
Rel. Hum.																								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OLA) JAN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

APR
MONTH

1500-1700
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD
STATION STATION NAME

70,73-81
YEARS

APR
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL									
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point										
89													.2					2	2												
87									.1									1	1												
85											.4							4	4												
83								.1		.3		.1						5	5												
81								.1	.1	.1	.1	.3						7	7												
79							.2	.1	.6	.1	.1		.2					12	12												
77						.1	.1	.9	.7		.1	.3						20	20												
75						.2	.4	.4		.1		.2						13	13												
73					.3	.2	.7	.3	.6	.4	.2							25	25												
71			.1		.1	.4	.3	.3	.2	.8	.2							23	23	1											
69			.1	.2	.9	.6	.3	.7	.7	.4	.3							38	38	2											
67			.3	.9	.4	.7	1.0	.7	.9	.4	.1							49	49	5											
65			.6	1.0	.8	.3	.9	.7	1.1	.3	.1							52	52	20	1										
63			.3	.7	.1	.7	.6	.9	1.1	.6								44	44	32											
61			1.2	.8	1.1	1.0	1.3	1.2	.9	.2								70	70	42	13										
59		.2	.9	.7	1.0	.6	2.4	1.9	.9									77	77	35	15										
57		.8	.8	.4	.4	3.0	1.4	1.1	.2									74	74	45	14										
55		.9	.4	1.0	1.2	1.6	1.3	1.4										71	71	54	42										
53		.9	.3	1.0	1.2	2.4	1.6	.6										72	72	66	52										
51	.2	.6	.6	.8	1.9	1.6	.6	.1										56	56	70	50										
49	.1	1.0	1.2	1.3	1.7	.6	.3											57	57	68	27										
47		.1	.3	.6	1.1	1.0	.2	.1										31	31	96	28										
45		.8	.9	.6	1.0	1.0	.8											45	45	91	40										
43		.1	.3	.3	.3	.8	.3											20	20	87	41										
41		.1	.4		.2	.7	.2											15	15	66	39										
39		.4	.2	.1	.2													9	9	43	47										
37		.3	.2															5	5	26	79										
35		.1	.1	.1														3	3	24	63										
33																				17	66										
31																				8	76										
29																				2	34										
27																					42										
25																					35										
23																					24										
Element (X)	Σ x ²			Σ x			x̄			σ _x			No. Obs.			Mean No. of Hours with Temperature															
Rel. Hum.													≤ 0 F			≤ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total
Dry Bulb																															
Wet Bulb																															
Dew Point																															

USAFETAC FORM 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD
STATION STATION

70,73-81

APR
MONTH

PAGE 2

1800-2000

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF Weather Service/MAC

PSYCHROMETRIC SUMMARY

1375

ANDREWS AFB MD

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
77/ 77						.1		.2										3	3		
76/ 75								.3		.3	.1	.1						8	8		
74/ 73				.1	.2	.6	.4	.3			.1							16	16		
72/ 71					.2	.3	.6		.1									11	11		
70/ 69			.2	.2	.4	.9	.1	.3	.1	.1								22	22		
68/ 67			.3	.2	.8	.2	.4	.3	.6									26	26		
66/ 65			.7	.7	1.3	.3	.6	.2	.3									37	37	2	
64/ 63		.1	.7	1.2	.7	.6	.6	.6	.3	.1								43	43	17	2
62/ 61		.4	.7	1.2	.3	1.0	.1		.2									36	36	26	8
60/ 59		.4	1.0	.6	1.1	1.8	.4	.3	.2									53	53	42	10
58/ 57		.8	.8	1.0	1.4	1.0	1.0	.7	.2									62	62	42	27
56/ 55		1.6	1.1	1.3	1.8	.9	1.2											71	71	38	23
54/ 53	.1	.9	1.3	1.4	2.2	1.7	.7											75	75	53	52
52/ 51	.2	.9	1.1	2.1	3.2	1.4	.6	.1										87	87	61	47
50/ 49		.9	1.6	1.6	2.7	2.2	.8											87	87	77	27
48/ 47		.4	1.6	2.0	3.2	.8	.1											73	73	56	30
46/ 45		.6	1.1	2.2	1.3	.9	.1											56	56	91	42
44/ 43		.6	.3	2.2	.4	.7												38	38	90	59
42/ 41		.8	.9	.9	1.1	.4												37	37	92	47
40/ 39		.6	.8	1.0	1.0	.4												34	34	81	53
38/ 37		.1	.4	.7	.6	.1												17	17	41	76
36/ 35		.3		.3	.1													7	7	23	58
34/ 33																				33	63
32/ 31			.1															1	1	20	65
30/ 29																				10	53
28/ 27																					40
26/ 25																					34
24/ 23																					8
22/ 21																					28
20/ 19																					13
18/ 17																					18
16/ 15																					7
14/ 13																					3
12/ 11																					3
Element (X)	Σ X ²		Σ X		Σ		C _g		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

13705

ANDREWS AFB MD

70.73-81

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

MOUSE (L-S-T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point						
6/ 95															.0			2	2							
4/ 93															.0	.0		5	5							
2/ 91												.0	.1	.1				11	11							
0/ 89										.0		.1	.1					12	12							
8/ 87									.0	.0	.1	.1	.1					21	21							
6/ 85									.0	.1	.2	.1	.1	.0				36	36							
4/ 83								.0	.1	.2	.1	.1	.1	.1				33	33							
2/ 81								.0	.3	.2	.1	.1	.0	.0				46	46							
0/ 79						.0	.0	.3	.2	.1	.1	.0	.1	.0				64	64							
7/ 77					.0	.0	.2	.5	.2	.2	.1	.1	.0					92	92							
76/ 75					.0	.1	.2	.3	.2	.2	.1	.0						86	86							
74/ 73				.0	.1	.2	.4	.3	.2	.3	.1	.0						127	127							
72/ 71			.0	.1	.3	.3	.4	.2	.3	.6	.2	.0						182	182	3						
70/ 69		.0	.1	.2	.6	.6	.3	.4	.5	.3	.2							237	237	14						
68/ 67		.0	.2	.6	.5	.4	.5	.4	.5	.3	.1							255	255	63						
66/ 65		.2	.3	.7	.8	.4	.6	.5	.9	.3	.0							341	341	135						
64/ 63		.2	.4	.9	.4	.4	.6	.8	.7	.3	.0							347	347	197						
62/ 61		.3	.9	.8	.6	.8	.9	.8	.6	.1								408	408	230						
60/ 59	.1	.4	1.1	.6	.9	.8	1.1	.9	.4									447	447	299						
58/ 57	.0	.8	.6	.6	1.0	1.3	1.2	.9	.2									469	469	358						
56/ 55	.2	1.3	.7	.8	1.1	1.3	1.0	.5	.8									490	490	363						
54/ 53	.1	1.1	.9	1.2	1.3	1.5	.7	.3	.0									514	514	440						
52/ 51	.2	1.1	1.2	1.2	1.6	1.1	.7	.2										522	522	479						
50/ 49	.1	.7	1.3	1.4	2.1	1.2	.6	.1										539	539	620						
48/ 47	.0	.9	1.0	1.4	1.8	.8	.3	.1										459	459	590						
46/ 45	.0	.8	1.6	1.7	1.1	.7	.3											447	447	686						
44/ 43	.1	.6	.8	1.2	.7	.4	.1											283	283	636						
42/ 41	.0	.5	.9	.9	.8	.3	.0											251	251	576						
40/ 39		.4	.5	.7	.7	.2												184	184	490						
38/ 37	.1	.3	.5	.5	.3	.0												130	130	312						
36/ 35	.0	.4	.4	.4	.1													89	89	250						
34/ 33	.0	.1	.2	.1	.1													34	34	224						
32/ 31	.0	.0	.2	.1														25	25	123						
30/ 29		.0	.1															10	10	73						
Element (X)	ΣX ²			ΣX			Σ		Σ _n		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.													≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																										
Wet Bulb																										
Dew Point																										

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

ALL

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

MAY
MONTH

0000-0200

HOURS (L, S, T)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705
STATION

ANDREWS AFB MD
STATION NAME

70,73-81
YEARS

YEARS

MAY
MONTH

PAGE 1

0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point							
79						.1												1	1								
77				.1														1	1								
75				.3	.3	.1	.1	.1										9	9								
73			.8	.4	.5	.2		.1										19	19								
71		.1	2.0	1.2	.3	.4	.1											39	39	3							
69		.6	2.8	1.1	1.4	.2	.3	.1										61	61	14	2						
67		2.2	1.9	1.5	.9	.4	.3	.1										68	68	52	23						
65	.2	4.1	1.3	1.5	1.4	.3	.3	.2										87	87	58	48						
63	.6	3.8	2.2	1.8	1.0	.8	.2											96	96	80	64						
61	.2	2.4	3.1	1.7	1.1	.8	.4											90	90	73	63						
59	.1	2.7	2.0	1.4	1.2	.8												76	76	87	59						
57		2.5	2.3	1.5	1.6	.2	.4											79	79	76	60						
55		2.2	2.0	1.8	1.3	.6												74	74	83	76						
53		2.7	2.0	.9	.3	.8												62	62	82	71						
51		1.4	2.8	.4	.9	.3												54	54	73	74						
49		1.4	1.2	1.1	.6	.8	.1											48	48	69	56						
47		1.1	.2	.8	1.0													28	28	53	59						
45		.3	.6	.2	1.0	.1												21	21	38	74						
43		.2	.4	.3	.2													11	11	32	40						
41			.1	.4	.1													6	6	16	36						
39																				26	24						
37																				9	17						
35																				5	23						
33																				1	11						
31																					16						
29																					19						
27																					5						
25																					6						
23																					2						
21																					1						
19																					1						
TOTAL	1.2	27.5	27.8	18.5	15.1	6.9	2.4	.6										930		930	930						
Element (X)	Σx ²		Σx		X		S _x		No. Obs.		Mean No. of Hours with Temperature																
Rel. Hum.	5380376		69408		74.0		14.584		930		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	3408045		55863		60.1		7.516		930				19.8	3.0			93										
Wet Bulb	2924557		51643		55.9		7.820		930				6.9				93										
Dew Point	2563072		47944		51.8		9.921		930			5.0	2.5				93										

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD

70,73-81

MAY
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
8/ 87										.1								1	1				
6/ 85						.2		.1			.1							4	4				
4/ 83					.1	.1	.2	.2	.3	.1	.1							11	11				
2/ 81				.1	.1	.8	.2	.4	.1	.1	.2							19	19				
12/ 79				.1	.4	.5	1.6	.5	.4	.1								35	35				
73/ 77			.1	.4	1.2	2.2	.4	.4		.4								48	48				
66/ 75			.2	1.1	1.2	1.7	1.4	.8	.4	.2	.1							66	66	4			
74/ 73			.3	1.4	1.4	.8	1.1	.5	.5	.2								58	58	8	1		
72/ 71		.3	2.6	.5	1.0	1.2	1.2	1.0	.9	.3								83	83	22	3		
70/ 69		.5	2.4	1.8	1.4	1.0	1.0	1.0	1.0									93	93	45	13		
68/ 67	.1	.6	1.7	1.1	1.2	1.1	1.2	1.3	.5									82	82	106	42		
66/ 65	.2	1.6	.9	1.2	1.8	1.7	1.6	.5	.2									91	91	74	56		
64/ 63		.6	.8	1.3	.8	2.0	.9	.3	.2									64	64	77	64		
62/ 61		1.1	.9	.9	.9	.9	.9	.5										55	55	74	71		
60/ 59		1.4	1.0	.8	.9	.6	1.1	.4										57	57	72	61		
58/ 57		.8	1.6	.2	.4	.6	.9	.1										43	43	89	60		
56/ 55		.4	.8	.3	.3	1.3	.6											35	35	76	64		
4/ 53		1.2	.9	.1	.6	.5	.6											37	37	87	58		
52/ 51		.8	.5	.1	.3	.2	.6											24	24	58	53		
50/ 49		.2	.4	.1		.5	.2											14	14	30	56		
48/ 47		.3			.4	.1	.1											9	9	39	59		
46/ 45																				31	63		
44/ 43																				13	34		
42/ 41																				8	27		
40/ 39																				13	32		
38/ 37																				3	23		
36/ 35																					22		
34/ 33																					20		
32/ 31																					15		
30/ 29																					9		
28/ 27																					11		
26/ 25																					5		
24/ 23																					1		
22/ 21																					2		
Element (X)	Σ x'		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature							Total					
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

13705
STATION

ANDREWS AFB MD

70,73-81

MAY
MONTH

PAGE 2

0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

137" 5
STAT

ANDREWS AFB MD

70,73-81

MAY
MONTH

PAGE 1

1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
7 19 L	.1	6.2	8.7	9.1	10.2	8.3	13.0	14.9	13.2	9.5	4.1	2.0	.3	.2					930	930	930	
																		930		930		

USAFETAC
FORM JUL 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1775 STATION ANDREWS AFB MD 70,73-81 YEARS MAY MONTH
PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
67-75						.1	.1	.1										3	3		
72-74					.2	.1	.4	.2	.3	.2		.1						15	15		
71-73						.5	.5		.1	.4								15	15		
70-72				.1	1.0	1.4	.4	.5	.1	.6	.2	.1						42	42		
77-79				.8	.9	.5	.6	1.1	.4	.1	.1							42	42		
76-78			.2	.9	1.4	1.5	1.0	.8	.4	.2	.1							60	60	4	
73-75			1.1	1.6	1.5	.3	1.4	.4	.4	.5	.2							70	70	8	
71-73		.1	1.7	1.0	.9	1.0	1.3	.5	.6	.2								68	68	31	6
70-72	.2	.5	1.5	1.6	1.4	1.0	.9	1.3	.2	.1								81	81	56	15
67-69	.1	.4	1.8	1.3	1.6	.9	1.4	1.0	.6									85	85	65	42
65-67		2.0	1.5	1.4	1.3	1.4	1.4	.5	.1	.1								91	91	70	44
63-65		1.7	2.2	1.1	1.0	1.7	1.1	.4	.3	.1								89	89	87	62
61-63		1.2	1.1	1.5	1.6	1.0	.8	.8	.2									75	75	99	73
59-61		1.1	1.0	.5	1.2	.4	.3	.6										47	47	91	62
57-59		1.1	.5	.5	.5	.4	.9	.2	.2									41	41	70	70
55-57		1.4	.9	.2	.8	.4	.6	.1										41	41	86	68
53-55		.9	.4	.3	.3	.3		.1										22	22	80	68
51-53			.2	.2	.2	.2	.1											12	12	54	65
49-51		.3	.3	.3	.3		.1											13	13	31	40
47-49		.2	.4		.2													8	8	32	52
45-47		.4	.1	.1														6	6	32	50
43-45	.1			.1														2	2	19	43
41-43																				7	44
39-41																				6	34
37-39																					14
35-37																					20
33-35																					16
31-33																					12
29-31																					15
27-29																					5
25-27																					1
23-25																					2
21-23																					3
19-21																					2
17-19																					
Element (X)	Σ H'		Σ H		Σ		°		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

137.5
STATION

ANDREWS AFB MD

70,73-81

MAY

PAGE 2

1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
7 TAL	.4	11.3	15.3	13.6	16.3	13.3	13.4	8.7	4.2	2.7	.6	.2						928	928	928	928	
										</												

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AFM WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

137 5 ANDPEWS AFB MD

70,73-81

YEARS

MAY
 MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point							
7 / 89								.0		.1	.0	.0						11	11									
8 / 87							.1	.1	.1	.1	.1	.1	.0	.0				44	44									
6 / 85						.1	.1	.3	.2	.1	.1	.1	.0					74	74									
4 / 83			.0	.0	.1	.1	.4	.3	.2	.2	.2	.1						110	110									
2 / 81				.0	.1	.4	.4	.4	.3	.3	.1	.1						157	157									
2 / 79			.0	.1	.3	.6	.8	.5	.3	.3	.1	.1						218	218	1	1							
7 / 77			.0	.3	.5	.5	.3	.4	.2	.3	.1	.1						206	206	1								
6 / 75			.2	.6	.6	.6	.6	.4	.4	.3	.1	.0						292	292	24	1							
4 / 73			.6	1.2	.7	.4	.7	.4	.5	.4	.1							372	372	61	5							
2 / 71		.1	1.6	.6	.6	.7	.6	.6	.6	.2								411	411	163	15							
2 / 69	.0	.5	1.9	1.1	1.2	.8	.6	.7	.3	.2								552	552	313	86							
1 / 67	.1	1.0	1.7	1.2	1.3	.6	.8	.6	.4	.1								570	570	494	234							
6 / 65	.3	2.3	1.3	1.4	1.1	.6	.7	.4	.3	.1								625	625	492	381							
4 / 63	.3	2.5	1.6	1.4	.8	1.0	.5	.3	.1	.1								637	637	619	470							
2 / 61	.1	1.8	1.8	1.3	1.1	.5	.3	.3	.1	.0								542	542	672	514							
1 / 59	.1	2.3	1.3	1.1	.9	.8	.4	.3	.0									508	508	683	449							
7 / 57	.1	1.5	1.3	.9	1.0	.3	.5	.1	.1									429	429	675	566							
5 / 55	.0	1.8	1.3	1.1	.6	.4	.4	.1										421	421	594	502							
4 / 53	.0	1.8	1.2	.6	.3	.5	.2	.0										345	345	609	631							
2 / 51	.0	.9	1.5	.4	.4	.3	.1											277	277	482	503							
1 / 49	.0	.8	1.0	.5	.4	.2	.1											233	233	399	426							
1 / 47		1.0	.5	.4	.5	.0	.0											173	173	356	439							
1 / 45	.0	.5	.4	.3	.2	.1												118	118	270	516							
4 / 43	.0	.3	.2	.3	.1													69	69	204	363							
2 / 41		.1	.1	.1	.0													23	23	141	285							
4 / 39		.1	.1	.0														14	14	110	243							
3-7 / 37			.0															2	2	47	159							
1-7 / 35																				19	186							
34 / 33																				4	117							
12 / 31																					150							
7 / 29																					101							
23 / 27																					61							
6 / 25																					22							
24 / 23																					15							
Element (X)	Σ g ¹				Σ g ₂				Σ				Σ g ₃				No. Obs.				Mean No. of Hours with Temperature							
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb																												
Wet Bulb																												
Dew Point																												

PSYCHROMETRIC SUMMARY

13735

ANDREWS AFB MD

70,73-81

MAY

MONTH

PAGE 2

ALL

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUN

MONTH

0000-0200
HOURS (L. S. T.)

USAFETAC
FORM 0-26-5 (OL A)
JUL 64
SERVED PREVIOUS TERMS OF THIS FORM AND OBSERVE

PSYCHROMETRIC SUMMARY

JUN
MONTH

0300-030
HOURS (L-S-T)

USAFETAC
FORM
AA 44
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

13715	ANDREWS AFB MD
STATION	STATION NAME

69-70, 73-80

YEARS

JUN
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13775 ANDREWS AFB MD

69-70, 73-80

JUN
MONTH

PAGE 1

0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
6/ 93								.1										1	1					
7/ 91						.1				.1								2	2					
8/ 89							.1	.2	.1	.4	.1	.1						10	10					
8/ 87					.1	.1	.9	.3	.6	.3	.2							23	23					
6/ 85					.3	.7	1.1	1.0	.2	.3								33	33					
4/ 83				.1	.6	2.0	1.9	1.0	.4	.1	.1							56	56					
7/ 81			.1	.3	2.0	3.6	1.3	.7	.2		.1							75	75	2				
7/ 79			.2	1.3	2.6	2.9	1.3	.8	.3	.3	.3							91	91	2				
78/ 77			.6	2.2	4.0	1.3	1.1	.9	.4	.2								97	97	9	2			
78/ 75			1.8	2.9	2.3	2.1	1.1	1.4	.7	.1								112	112	30	4			
74/ 73		.1	1.7	1.6	1.8	2.3	1.4	1.2	.6									96	96	99	11			
72/ 71		.4	2.0	1.4	1.1	1.2	1.3	.9	.3									79	79	131	42			
70/ 69		.4	1.1	1.1	.9	1.3	1.0	.6										58	58	120	99			
68/ 67	.1	1.2	1.3	.9	1.0	.9	.7	.7										61	61	91	126			
66/ 65		.9	1.2	.7	.6	.6	.6	.3										43	43	89	84			
64/ 63		.6	.8	.4	.6	.6	.4											30	30	79	85			
62/ 61	.3	.4	.1		.2	.2	.1	.1										14	14	83	81			
60/ 59	.1	.7	.1	.4		.2												14	14	66	63			
58/ 57		.4	.1															5	5	45	63			
56/ 55																				26	50			
54/ 53																				18	40			
52/ 51																				7	40			
50/ 49																				3	32			
48/ 47																					26			
46/ 45																					23			
44/ 43																					9			
42/ 41																					10			
40/ 39																					8			
38/ 37																					1			
36/ 35																					1			
TOTAL	.6	5.2	11.1	13.4	18.0	20.1	14.4	10.2	3.9	2.0	.9	.1						900	900	900	900			
Element (X)	Σ X ²		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X			
Rel. Hum.	3789188		56880		63.2		14.704		900		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F			
Dry Bulb	5114368		67568		75.1		6.808		900						79.4		59.6		24.4		.1			
Wet Bulb	4003225		59783		66.4		5.976		900						48.4		14.2		.3					
Dew Point	3409277		54935		61.0		7.900		900						28.4		1.7							

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD

69-70,73-80

JUN
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL														
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point																
8/ 97									.1		.1							2	2																	
6/ 95									.3		.1							4	4																	
4/ 93									.1		.2	.2						5	5																	
2/ 91							.2	.7	1.1	.4	.1	.7						29	29																	
7/ 89						.1	.7	2.3	1.2	1.0	.4	.7						58	58																	
3/ 87					.2	.1	1.7	1.9	2.0	.9	.3							64	64																	
6/ 85				.1	.2	.8	3.8	1.7	1.7	.3	.2	.1						80	80																	
4/ 83			.2	.8	2.2	1.8	1.6	1.7	.2	.6	.3							84	84																	
2/ 81				.1	1.9	3.1	1.6	2.4	.8	.1	.2	.1						93	93	3																
7/ 79				.3	1.4	2.7	1.1	1.3	.9	.6	.3							78	78	10																
7/ 77				.4	1.8	1.1	1.9	1.4	1.8	.6	.2							83	83	22	4															
6/ 75			.8	.6	.7	1.0	1.4	2.3	1.1	.4	.2							77	77	68	8															
74/ 73		.3	1.2	1.0	.6	.4	1.6	1.2	1.2	.7								71	71	134	13															
2/ 71		.2	.7	.8	.3	.6	1.0	1.0	.8									48	48	115	43															
2/ 69		.2	1.0	.7	1.0	.2	.6	.9	.7									47	47	108	97															
6/ 67	.3	.6	.7	.9	.6	.3	.3	.3										36	36	87	114															
6/ 65		.3	.7	.2	.3	.1	.1	.1										17	17	70	94															
4/ 63		.7		.1	.2		.1											10	10	74	78															
2/ 61			.1	.1	.1													3	3	84	54															
2/ 59		.6	.6															10	10	49	86															
2/ 57		.1																1	1	45	56															
5/ 55																				22	50															
4/ 53																				8	34															
2/ 51																				1	48															
5/ 49																					34															
4/ 47																					31															
4/ 45																					22															
4/ 43																					10															
2/ 41																					15															
4/ 39																					8															
3/ 37																					1															
TOTAL	.3	3.0	5.7	5.6	10.1	12.8	17.8	19.2	15.4	4.9	3.1	2.1						900	900		900															
Element (X)	Σx'			Σx			Σ			Σ			Σ			Σ			Σ			Σ			Σ			Σ			Σ			Σ		
Rel. Hum.	2933384			49614			55.1			14.853			900			≤ 0 F			≤ 32 F			≤ 67 F			≤ 73 F			≤ 80 F			≤ 93 F			Total		
Dry Bulb	5699848			71312			79.2			7.410			900									85.9			72.8			45.8			1.1			90		
Wet Bulb	4164587			60981			67.8			6.033			900									54.7			23.7			.7						90		
Dew Point	3395354			54786			60.9			8.193			900									27.9			2.5									90		

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

69-70, 73-80

JUN
MONTH

PAGE 1 1500-17
HOURS (L. S. T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew				
0/ 97										.2								2	2					
6/ 95									.1		.1	.1						3	3					
4/ 93								.2	.4	.2	.1	.1						12	12					
1/ 91						.1	.4	.1	1.1	.2	.3	1.0						30	30					
1/ 89						.2	.2	3.0	1.1	.3	.8	.1	.1					53	53					
8/ 87					.3	.2	1.2	1.8	3.0	1.7	1.0	.1						84	84					
6/ 85					.1	1.3	2.0	2.7	.7	.1	.1	.3						66	66					
1/ 83				.1	1.2	2.3	2.7	1.6	.4	1.0	.6	.2	.1					92	92					
1/ 81					.4	1.7	3.1	1.8	1.2	.7	.1	.2						83	83	4				
1/ 79				.2	.9	2.1	.9	1.3	2.2	.9	.2							79	79	11				
7/ 77			.7	1.3	.9	1.1	.9	2.0	1.3	.6								79	79	16				
76/ 75		.1	1.0	1.0	.6	.6	1.1	1.6	2.2	1.0	.7							88	88	83				
74/ 73		.1	1.2	1.1	.9	.6	1.2	1.1	.7	.3								65	65	110				
72/ 71		.1	.7	.4	1.1	.7	.7	1.3	1.0									54	54	132				
72/ 69	.1	.6	.8	1.2	.4	.1	.3	.7	.7									44	44	106				
6/ 67		.3	.7	.7	.2	.2												19	19	73				
6/ 65		.1	.2		.3	.1	.1											8	8	73				
4/ 63		.9		.1	.3		.1											13	13	89				
2/ 61		.6	.1	.2			.1											9	9	75				
0/ 59	.1	.8	.6															13	13	50				
1/ 57		.2																2	2	41				
54/ 55			.1															1	1	32				
4/ 53																				3				
2/ 51																				1				
50/ 49																								
48/ 47																								
46/ 45																								
44/ 43																								
42/ 41																								
40/ 39																								
38/ 37																								
TOTAL	.2	3.8	6.0	6.5	7.8	11.3	15.1	19.1	16.0	7.5	4.1	2.2	.3					899	899	8				
																		899	899					

Element (X)	Z _x ¹	Z _x	X	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2900209	49043	54.6	15.821	899	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	5728679	71439	79.5	7.594	899			85.4	73.7	47.2	1.7	
Wet Bulb	4158671	60901	67.7	6.067	899			53.6	22.4	1.2		
Dew Point	3369037	54515	60.6	8.394	899			26.1	2.7			

AD-A110 238 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
ANDREWS AFB, WASHINGTON DC REVISED UNIFORM SUMMARY OF SURFACE W--ETC(U)
OCT 81
UNCLASSIFIED USAFETAC/DS-81/093 SBI-AD-F850 121

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
ANDREWS AFB, WASHINGTON DC REVISED UNIFORM SUMMARY OF SURFACE W--ETC(U)
OCT 81
USAFETAC/DS-81/093 SRI-AD-8550 121

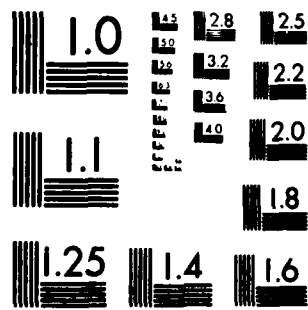
UNCLASSIFIED

SBI-AD-E850 121

NL

5 - 6
of
Alcohol
[redacted]

10238



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

18785 ANDREWS AFB MD

69-70,73-80

JUN
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL														
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point																
4/ 93								.1										1	1																	
7/ 91							.1		.2	.1	.1							5	5																	
7/ 89						.1	.1	.4		.2	.1							9	9																	
8/ 87					.3	.2	.6	.2	.2	.4	.3							21	21																	
6/ 85					.4	1.0	.8	.8	.8	.7	.1							41	41																	
4/ 83				.3	1.0	1.4	1.3	.3	.3	.4								47	47																	
2/ 81				.2	2.2	2.6	1.1	.9	.2	.3	.1							69	69																	
7/ 79			.1	1.3	1.7	2.6	1.1	.1	.4	.1	.1							68	68	9																
7/ 77		.1	.4	1.6	2.4	.9	1.0	1.1	.4									72	72	12	3															
56/ 75		.2	1.7	2.9	1.8	2.1	1.0	1.2	.4	.3	.1							106	106	37	10															
4/ 73		.6	2.7	2.2	1.1	1.0	1.9	.8	.6	.2	.1							100	100	74	11															
72/ 71		2.1	2.9	.9	1.9	1.6	1.4	.9	.3	.1								109	109	110	55															
70/ 69		1.6	1.7	.9	1.6	1.4	1.0	.9	.3									84	84	138	92															
58/ 67		1.6	.7	1.4	1.1	.4	.9	.3										58	58	104	111															
6/ 65	.1	.6	.8	.6	1.1	.4	.2	.2										36	36	77	97															
4/ 63		.1	.4	.8	.4	.2	.4											22	22	70	68															
2/ 61	.2	1.6	.1	.3	.2	.3	.1											26	26	87	67															
60/ 59	.1	.3	.8	.1	.3	.2												17	17	69	78															
40/ 57		.4	.3															7	7	48	54															
58/ 55																				37	55															
4/ 53		.1																1	1	15	51															
2/ 51																				10	36															
57/ 49																				2	38															
48/ 47																					18															
46/ 45																					19															
44/ 43																					17															
42/ 41																					8															
40/ 39																					7															
38/ 37																					2															
36/ 35																					2															
TOTAL	.4	9.2	12.6	13.6	17.7	16.6	13.1	8.3	4.3	3.0	1.1							899	899	899	899															
Element (X)	Σ X'			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X					
Rel. Hum.	4001933			58237			64.8			15.981			899			Σ 0 F			Σ 32 F			Σ 67 F			Σ 73 F			Σ 80 F			Σ 93 F			Total		
Dry Bulb	5031376			66960			74.9			7.001			899									79.1			54.0			22.1			.1			90		
Wet Bulb	3976937			59541			66.2			6.110			899									48.5			13.2			.5						90		
Dew Point	3412592			54900			61.1			8.172			899									28.2			2.4									90		

USAFETAC FORM 0-26-5 (OLA) REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

137-15 ANDREWS AFB MD

69-70, 73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

69-70, 73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

ALL
HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
97									.0	.0	.0							4	4					
95									.1	.0	.0	.0						7	7					
93								.1	.0	.1	.1	.0	.0					19	19					
91						.0	.1	.1	.3	.1	.1	.2						66	66					
89					.1	.1	.5	.5	.7	.4	.2	.1	.0					130	130					
87				.1	.1	.5	1.0	.8	.4	.2	.1	.1						192	192					
85			.0	.0	.1	.5	1.0	.8	.4	.2	.1	.1						221	221					
83		.0	.1	.5	1.0	1.0	.6	.4	.2	.2	.1	.0						293	293					
81		.0	.1	1.0	1.5	.9	.7	.3	.1	.1	.0							346	346	9				
79		.1	.5	1.0	1.4	.6	.4	.5	.2	.1								360	360	34				
77		.1	.5	1.4	1.6	.7	.7	.7	.5	.2	.0							455	455	67				
75		.1	1.6	2.0	1.1	1.0	.6	.9	.6	.2	.1							584	584	238				
73		.7	2.7	2.1	1.0	.6	.8	.5	.4	.1	.0							650	650	501				
71	.1	1.5	3.4	1.3	1.1	.6	.7	.5	.3	.0								693	693	737				
69	.1	2.4	3.5	1.5	1.0	.7	.5	.4	.2									734	734	867				
67	.1	2.8	2.1	1.4	1.0	.4	.3	.2										595	595	823				
65	.2	2.4	1.5	.9	.9	.3	.2	.1										469	469	789				
63	.2	1.8	1.0	1.0	.5	.2	.2	.0										348	348	706				
61	.3	1.6	1.2	.8	.3	.2	.0	.0										320	320	645				
59	.1	1.5	1.0	.4	.2	.1	.0											245	245	520				
57	.1	1.2	.9	.3	.1	.0												190	190	473				
55	.1	.6	.6	.2	.1	.0												109	109	323				
53	.0	.4	.4	.2	.1	.0												74	74	186				
51	.2	.4	.2															55	55	125				
49	.2	.1	.0															24	24	68				
47	.1	.1																11	11	57				
45	.0	.0																3	3	22				
43																				6				
41	.0																	1	1	1				
39																				1				
37																								
35																								
TOTAL	1.4	17.6	21.0	14.5	11.7	9.4	8.2	7.2	5.0	2.2	1.2	.6	.0					7198	7198	7198				
Element (X)	Σx'		Σx		Σx²		Σx³		Σx⁴		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.	37221635		502357		69.8		17.330		7198		≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total	
Dry Bulb	37854695		518161		72.0		8.773		7198						335.0		332.8		145.8		3.0		720	
Wet Bulb	30733063		467953		65.0		6.871		7198						327.7		84.9		2.8				720	
Dew Point	26913445		436593		60.7		7.748		7198						191.2		12.8						720	

PSYCHROMETRIC SUMMARY

13705

ANDREWS AFB MD

69-70, 73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0000-0200
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[illegible]

PSYCHROMETRIC SUMMARY

137.5
STAT

ANDREWS AFB MD

69-70, 73-80

JUL
MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

13725
STATIC

ANDREWS AFB MD

69-70, 73-80

JUL

MONTH

PAGE 1

0900-1100

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUL
MONTH

1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JUL
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUL
MONTH

50¢
MONTH

1800-2000

1000-200
MAY 11 3 11

[illegible]

PSYCHROMETRIC SUMMARY

1375 ANDREWS AFB MD
STATION ST

69-70, 73-80

JUL
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

13.05 ANDREWS AFB MD

69-70, 73-80

AUG
MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

PAGE 1

[illegible]

PSYCHROMETRIC SUMMARY

AUG
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13715 ANDREWS AFB MD

69-70,73-80

AUG
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point					
96/ 97										.2	.3							5	5						
96/ 95									.3	.2	1.3	.4	.1					22	22						
94/ 93								.4	1.0	1.3	.5	.2						32	32						
92/ 91						.1	.9	.8	2.0	.8	.7	.2						49	50						
90/ 89					.1	.4	1.5	2.4	2.6	1.5	.2							81	81						
88/ 87					.1	2.2	2.0	3.0	3.1	1.3	.7							114	114						
86/ 85				.1	1.4	3.1	2.8	4.0	1.7	.9	.4							134	135						
84/ 83				1.0	2.3	2.3	2.5	1.4	.8	.2								96	98						
82/ 81				1.5	.9	1.8	2.5	2.6	1.0	.2								97	100	3					
80/ 79			1.0	1.6	.7	2.7	2.0	1.2	.9	.1								93	93	32	1				
78/ 77		.1	1.3	.4	1.1	.4	2.2	1.0	1.2	.1								72	72	108	7				
76/ 75		.1	.5	.1	.5	.2	.5	2.3	.4									44	44	149	25				
74/ 73		.3	.8	.4	.5	.2	.3	.7	.2	.1								33	33	162	93				
72/ 71		.3	.8	.7	.8		.2	.2	.2	.1								28	28	131	101				
70/ 69		.7	.1	.1			.2	.2	.1									13	13	105	99				
68/ 67			.5				.2											7	7	84	126				
66/ 65																				55	107				
64/ 63																				40	88				
62/ 61																				26	81				
60/ 59		.3																3	3	13	53				
58/ 57																				10	44				
56/ 55																				5	22				
54/ 53																						21			
52/ 51																						28			
50/ 49																						9			
48/ 47																						9			
46/ 45																						4			
44/ 43																						2			
42/ 41																						2			
40/ 39																						1			
TOTAL		1.8	5.0	6.0	8.3	13.5	17.8	19.9	15.5	7.0	4.1	.9	.1					923	930		923				
Element (X)	ΣX ¹		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX				
Rel. Hum.	3027484		51422		55.7		13.283		923		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F				
Dry Bulb	6501870		77544		83.4		6.242		930						92.7		87.9		68.5		5.9				
Wet Bulb	4746194		66028		71.5		4.972		923						78.0		45.7		1.0						
Dew Point	3974244		60246		65.3		6.739		923						45.5		12.7								

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT: WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1375 STATION ANDREWS AFB MD

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
97/ 97												.2	.2							4	4			
6/ 95									.2	.4	.7	.3	.2							17	17			
4/ 93									.1	.7	2.2	.7	.1							34	34			
2/ 91								.3	1.2	2.0	1.1	.7	.4							52	53			
7/ 89							.4	.9	2.6	2.3	2.1	.8	.2							85	85			
8/ 87							2.2	2.2	3.7	2.4	1.0	.5								110	110			
6/ 85			.1	.1	1.4	3.1	2.8	2.7	1.2	1.4	.2									121	123			
1/ 83			.1	.9	1.1	2.4	2.0	1.6	1.4	.8	.1									95	96			
1/ 81			.2	1.1	1.5	1.4	2.9	2.1	1.0	.2										96	98	2		
1/ 79		.1	.3	1.1	1.1	2.0	1.8	2.2	.7	.2										87	88	22	1	
7- / 77		.2	1.1	.9	.4	1.0	1.1	2.1	.8	.5										74	74	89	4	
76/ 75		.7	.7	.9	.7	.2	.4	1.6	.3											50	50	156	28	
74/ 73		.4	1.1	.4	1.0	.1	.3	.4	.5											40	40	175	78	
72/ 71	.1	.8	.9	.3	.2	.3		.3												27	27	121	88	
7- / 69		1.2	.4	.4			.1	.1												21	21	121	113	
6 / 67		.2	.2																	4	4	96	142	
6/ 65		.1																		1	1	50	98	
4/ 63																						41	89	
2/ 61																						27	77	
6/ 59		.3																		3	3	10	60	
1 / 57																						11	38	
56/ 55																							37	
4/ 53																							28	
2/ 51																							13	
50/ 49																							8	
4 / 47																							9	
46/ 45																							7	
42/ 41																							3	
TOTAL	.1	4.0	5.1	6.1	7.4	13.1	14.9	20.7	13.4	9.9	3.6	1.3	.4							921	928	921	921	
Element (X)	Σ X'		Σ X		X		X		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	3117681		51843		56.3		14.724		921		± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total							
Dry Bulb	6451172		77148		83.1		6.367		928				92.6	87.4	66.9	5.5	93							
Wet Bulb	4716104		65762		71.4		4.722		921				79.0	44.8	.6		93							
Dew Point	3951786		60028		65.2		6.561		921				45.8	11.2	.1		93							

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JAN 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705
STATION

ANDREWS AFB MD
STATION NAME

69-70,73-80
YEARS

AUG
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point				
6/ 95													.1								1	1		
4/ 93								.1		.3											4	4		
2/ 91									.3												3	3		
0/ 89						.3	.4	.4	.3	.1	.3										18	18		
8/ 87						.6	1.3	.6	.6	.1											31	31		
6/ 85					.8	.5	1.1	1.7	.4	.1	.1										44	44		
4/ 83			.2	1.0	2.2	2.3	1.7	1.2	.3												82	82		
2/ 81		.5	2.3	1.8	1.7	.6	.8		.6	.1											79	80		
0/ 79			1.1	2.9	3.6	3.5	1.3	.5	.3												122	122	8	
78/ 77		.3	2.6	3.0	2.9	1.7	1.0	.3	.3												113	113	37	4
76/ 75		1.2	3.9	3.1	2.2	1.6	1.1	.5	.3												129	131	97	24
74/ 73	.1	2.4	3.7	3.1	1.2	1.0	1.0	.1													116	116	141	74
72/ 71	.2	2.7	2.4	.8	1.5	.5	.9		.1												84	84	184	106
70/ 69		.9	2.3	.8	.6	.8	.1	.1													51	51	158	155
68/ 67		.5	.1	.2	.2	.2	.3	.1													16	16	105	132
66/ 65		.3	.9	.6	.3		.2														22	22	71	114
64/ 63			.2	.2	.1	.2															7	7	47	86
62/ 61		.1																			1	2	38	62
60/ 59			.1		.1																2	2	22	48
58/ 57					.1																1	1	6	32
56/ 55																							7	28
54/ 53																							3	30
52/ 51																							1	13
50/ 49																							1	4
48/ 47																								2
46/ 45																								8
44/ 43																								2
42/ 41																								2
TOTAL	.3	8.4	17.9	18.0	17.6	15.0	11.0	6.6	3.8	.8	.4		.1								926	930	926	926
Element (X)	Σx'		Σx		Σx		Σx		Σx		Σx		Σx		Σx		Σx		Σx		Σx		Σx	
Rel. Hum.	4584202		63826		68.9		14.138		926		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F		Total	
Dry Bulb	5586526		71880		77.3		5.767		930						89.6		74.5		32.4		.5		93	
Wet Bulb	4541677		64701		69.9		4.756		926						73.3		28.4						93	
Dew Point	4043809		60921		65.8		6.226		926						49.7		10.2						93	

USAFETAC FORM 0-26-5 (OL A) REVISE PREVIOUS EDITIONS OF THIS FORM AND CALCULATE

PSYCHROMETRIC SUMMARY

AUG

STATION

STATION NAME

YEARS

MONTH

2100-2300

1200 400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

1375
STATIC

ANDREWS AFB MD

69-70, 73-80

AUG
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
8/ 97										.0	.0	.0	.0					9	9					
6/ 95									.1	.1	.2	.1	.1					40	40					
4/ 93								.1	.3	.5	.2	.0						76	76					
2/ 91						.0	.1	.3	.6	.3	.2	.1						118	120					
1/ 89					.0	.1	.4	.9	.7	.5	.2	.0						213	213					
8/ 87					.0	.7	.6	1.1	.8	.3	.2							306	307					
6/ 85			.0	.0	.6	1.1	1.1	1.3	.5	.3	.1							379	382					
4/ 83			.0	.4	1.0	1.3	1.3	.7	.4	.1	.0							383	388					
2/ 81		.0	.2	1.1	1.1	1.7	1.1	.8	.4	.1								437	445	5				
1/ 79		.0	.9	1.6	1.5	1.6	.9	.6	.3	.0								549	551	67	3			
7-/ 77		.4	2.1	1.6	1.5	1.0	.8	.5	.3	.1								610	613	297	17			
5-/ 75	.0	1.6	3.0	2.5	1.4	.9	.4	.6	.1									782	785	635	119			
4/ 73	.1	3.8	3.5	2.5	1.0	.6	.5	.2	.1	.0								894	897	1010	489			
2/ 71	.2	4.4	3.4	1.7	1.0	.5	.3	.1	.0	.0								863	868	1192	889			
1/ 69	.2	3.5	3.1	1.1	.6	.3	.1	.1	.0									668	674	1173	1091			
8/ 67	.1	1.6	1.8	.9	.4	.1	.1	.0										376	379	976	1036			
6/ 65	.0	1.3	.9	.8	.3	.0	.2											261	263	675	894			
4/ 63	.0	.8	.6	.3	.2	.1	.0											153	153	478	750			
2/ 61	.0	.4	.6	.3	.0	.1												101	102	325	609			
1/ 59	.5	.4	.1	.0	.1													85	85	226	409			
7/ 57	.0	.3	.1	.0	.2													51	51	133	336			
5-/ 55	.1	.0	.1	.1														26	26	96	248			
4/ 53			.0	.0	.0													4	4	54	179			
2/ 51			.0	.0	.0													5	5	14	130			
50/ 49																				22	50			
4-/ 47																				7	33			
46/ 45																				4	45			
44/ 43																					24			
42/ 41																					29			
40/ 39																					6			
38/ 37																					3			
TOTAL	.716	.720	.815	.711	.9	9.8	8.0	7.3	4.7	2.4	1.1	.3	.1						7436		7389			
																		7389		7389				
Element (X)	Σx'		Σx		Σ		Σ _n		No. Obs.		Mean No. of Hours with Temperature													
Rel. Num.	39698256		527750		71.4		16.471		7389		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb	43247008		564220		75.9		7.656		7436						675.1		482.9		225.3		12.5		744	
Wet Bulb	35382104		509776		69.0		5.357		7389						539.2		202.8		1.7				744	
Dew Point	31704220		481728		65.2		6.349		7389						366.9		63.2		.1				744	

PSYCHROMETRIC SUMMARY

PAGE 1

[illegible]

13705 ANDREWS AFB MD

69-70, 73-80

SEP
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

SEP

MONTH

0600-0800

HOURS (L. S. Y.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD 69-70,73-80 YEARS SEP MONTH
STATION STATION NAME PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
94/ 93							.2										2	2		
92/ 91								.3									3	3		
90/ 89						.1	.1	.3									5	5		
88/ 87						.1	.3	.1	.1								6	6		
86/ 85				.1	.4	.9	.6	.7		.1	.1						26	26		
84/ 83				.2	1.3	1.5	.8	.7	.2	.2							44	44		
82/ 81		.2		.8	1.3	1.1	1.3	.3	.6								51	51	3	
80/ 79				2.0	1.3	1.6	1.0	.6	.2	.1							61	61	8	1
78/ 77		.4	1.0	1.0	2.0	.9	.6	.6	.2								60	60	10	6
76/ 75		.2	1.3	1.6	1.2	1.9	1.0	1.0		.2							76	77	42	5
74/ 73		.7	1.5	1.9	1.2	2.2	1.6	.3	.4								88	88	72	19
72/ 71		.8	2.3	2.0	2.1	1.9	.9	.4	.1								95	95	68	58
70/ 69	.1	.7	1.8	1.2	2.7	1.9	1.5	.6	.1								94	94	78	63
68/ 67	.2	.6	1.8	2.0	1.3	1.2	1.0	.2									75	76	77	73
66/ 65	.3	1.3	1.0	1.9	1.7	.9	.6										69	69	96	60
64/ 63	.3	.8	.9	1.1	1.0	.9	.9										53	53	111	83
62/ 61		.7	.2	1.5	.9	1.0	.3										41	41	81	68
60/ 59	.1	.7	.2	.6	.9	.4	.1										27	27	72	74
58/ 57		.2	.1	.3	.2	.2	.3										13	13	66	81
56/ 55					.2	.2	.1										5	5	39	72
54/ 53						.1											1	1	27	45
52/ 51						.1											1	1	26	44
50/ 49																			10	39
48/ 47																			2	24
46/ 45																			7	27
44/ 43																			1	20
42/ 41																				14
40/ 39																				10
38/ 37																				1
36/ 35																				2
34/ 33																				3
32/ 31																				3
30/ 29																				1
Element (X)	Σ x ²		Σ x		Σ	Σ	Σ	No. Obs.		Mean No. of Hours with Temperature										Total
Rel. Hum.										≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMAR

MONTH

MOLES (L - S - T)

[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

SEP
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

[illegible]

USAFETAC FORM 0-26-5 (OLA)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
97												.1						1	2				
95											.3							3	4				
93								.1		.4	.2							7	7				
91								.2	.9	.8	.4	.1		.2				24	24				
89							.2	.9	.7	.4		.1	.1					22	23				
87			.1			.4	.8	1.2	.6	.6	.6	.3	.1					42	42				
85						1.3	1.6	1.0	.7	.2	.2	.1						46	46				
83				.1	1.4	2.1	1.3	.9	1.0	.7	.2	.1						71	71	1			
81				.1	1.1	.8	.7	1.1	.7	.9	.1	.6						54	54		1		
79			.6	1.2	.8	2.7	2.3	2.1	.8	.1	.1							96	96	1			
77		.1	.4	1.0	1.2	1.7	2.0	1.3	.7	.2	.4							82	82	17			
75		.3	.9	.9	1.3	1.0	1.1	1.7	1.1	.2								77	77	67	3		
73		.3	1.1	.9	1.2	1.9	1.1	1.9	1.1	.6	.1							92	92	87	14		
71	.1	.3	.6	.6	.6	1.2	1.2	1.4	.7									60	60	83	61		
69		.4	.9	1.3	1.9	1.4	1.2	.4	.8									76	76	82	77		
67	.4	.4	.8	.7	.9	.7	1.0	.6	.1									50	50	95	65		
65	.2	1.1	.3	.9	.8	.8	1.0	1.0										55	55	85	60		
63	.1	.2	.1	.4	.6	.3		.1										17	17	101	84		
61		.1	.1	.1	.3			.1										7	7	73	71		
59	.3	.1					.2	.3										9	9	76	64		
57		.3					.3											6	6	58	61		
55																				35	64		
53																				17	52		
51																				9	54		
49																				1	39		
47																				7	32		
45																				2	33		
43																					18		
41																					17		
39																					12		
37																					5		
35																					3		
33																					4		
31																					3		
Element (X)	Σx²		Σx		x̄		σ²		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC FORM 0-26-5 (OLA) 1-64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

SEP
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

SEP
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
94/ 93											.1							1	1					
92/ 91									.1									1	1					
90/ 89								.1	.1									2	2					
88/ 87							.2	.4				.1						7	7					
86/ 85					.1	.7	.4	.2										13	13					
84/ 83				.1	.2	.6	.3	.3	.3	.1								18	18					
82/ 81				.7	.6	.7	.3	.3	.2	.1								26	26					
80/ 79			.6	1.6	1.2	.9	.4	.6	.2	.1	.1							51	51					
78/ 77			1.4	1.3	1.8	.4	.8	.7	.2	.1								61	61	5				
76/ 75		.6	2.0	3.4	1.2	1.1	.7	.6	.2									88	88	27				
74/ 73		1.4	1.9	1.7	1.1	1.4	.2	.4	.3	.1								78	78	66				
72/ 71		.8	3.3	1.9	1.6	.8	1.0	.3										87	87	68				
70/ 69	.1	.9	3.4	2.7	1.9	1.2	.3	.1	.2									98	98	82				
68/ 67	.1	1.6	2.0	1.4	2.2	.8	.8	.3										83	83	75				
66/ 65	.9	1.6	1.4	2.4	1.9	1.1	.6	.3										92	92	112				
64/ 63	.1	.6	2.2	1.1	1.7	.8	.2											60	60	98				
62/ 61		.6	1.6	1.3	1.2	.4												50	50	72				
60/ 59	.3	.8	.9	1.0	.8	.3	.1											38	38	87				
58/ 57	.3	.7	.4	.4	.3	.1												21	21	75				
56/ 55		.2		.2	.1	.2												7	7	51				
54/ 53	.1	.2	.3		.2	.1												9	9	36				
52/ 51			.2	.1	.1													4	4	16				
50/ 49				.2	.1													3	3	15				
48/ 47																				5				
46/ 45		.1																1	1	4				
44/ 43																				4				
42/ 41																				1				
40/ 39																								
38/ 37																				6				
36/ 35																				3				
34/ 33																				2				
32/ 31																				1				
TOTAL	2.0	9.9	21.6	21.7	18.4	11.7	6.9	4.6	2.2	.6	.2	.1						899	899	899				
Element (X)	Σx'			Σx			Σ			Σ _n			No. Obs.			Mean No. of Hours with Temperature								
Rel. Hum.	4604193			62943			70.0			14.822			899			≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb	4485002			63152			70.2			7.369			899					61.5	34.6	9.3	.1	90		
Wet Bulb	3698253			57335			63.8			6.809			899					32.3	9.8			90		
Dew Point	3241974			53446			59.5			8.480			899				.1	21.0	2.7			90		

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD

69-70, 73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300

2100-2300

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705

ANDREWS AFB MD

69-70, 73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	
8/ 97																		3	4		
6/ 95							.0			.0	.1							9	10		
4/ 93							.0	.0	.0	.1	.1							18	18		
2/ 91					.0			.1	.2	.2	.1	.0						48	48		
1/ 89						.0	.1	.2	.2	.1	.0	.0						54	55		
8/ 87			.0		.0	.1	.3	.4	.2	.1	.1	.1	.0					104	104		
6/ 85				.0	.1	.6	.6	.3	.2	.1	.1	.0						145	145		
4/ 83				.1	.5	.6	.5	.4	.3	.2	.0	.0						193	193		
2/ 81		.0	.0	.3	.6	.4	.6	.4	.3	.2	.0	.1						207	207	3	2
8/ 79			.3	.9	.6	.9	.6	.6	.3	.1	.0							306	306	12	3
7/ 77		.1	.9	.9	1.0	.6	.7	.6	.3	.1	.1							369	373	56	7
6/ 75		.4	1.8	1.5	.9	.8	.5	.6	.3	.1								489	492	240	13
4/ 73		1.4	2.1	1.1	.7	1.0	.6	.5	.4	.1	.0							580	581	405	114
2/ 71	.2	1.8	3.1	1.2	1.1	.8	.7	.5	.2	.0								677	678	539	392
8/ 69	.3	1.8	3.0	1.5	1.4	.9	.7	.2	.2	.0								710	712	648	563
6/ 67	.5	1.5	2.5	1.4	1.0	.6	.5	.2	.0									589	593	656	563
4/ 65	.5	2.1	1.7	1.7	1.2	.5	.5	.2	.0									608	608	669	579
2/ 63	.3	2.0	1.8	1.2	.8	.5	.2	.0										487	487	759	526
8/ 61	.1	1.9	1.8	1.1	.7	.3	.1	.0										429	429	625	585
6/ 59	.3	1.5	1.7	.9	.5	.2	.1	.1										381	381	663	584
4/ 57	.3	1.1	1.1	.7	.2	.1	.1											259	259	574	621
2/ 55	.0	.6	.8	.5	.2	.1	.0											155	155	402	518
8/ 53	.1	.6	.8	.2	.2	.0												133	133	312	441
6/ 51	.1	.2	.7	.3	.0	.0												87	87	219	408
4/ 49		.3	.4	.2	.1													63	63	131	310
2/ 47		.3	.2	.1														45	45	123	271
8/ 45		.2	.1	.0														21	21	87	234
6/ 43			.0	.0														3	3	31	148
4/ 41			.0	.0														3	3	9	116
2/ 39																				5	91
8/ 37																				3	32
6/ 35																					17
4/ 33																					25
2/ 31																					11
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total		
Rel. Hum.													≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F			
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

13705
STATU

ANDREWS AFB MD

69-70, 73-80

SEP
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705

ANDREWS AFB MD

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73		.3	.1	.2		.1												7	7	2	
72/ 71		.1	.1	.3	.5													10	10	1	3
70/ 69		.3	.5	.5	.4													17	17	3	2
68/ 67		1.1	.8	1.2	.1		.1											30	30	11	4
66/ 65	.1	2.2	1.2	.5		.3												40	40	22	16
64/ 63	.1	2.8	1.2	.5	.3													46	46	45	21
62/ 61	.5	3.1	1.8	1.6	.9	.1		.2										77	77	55	39
60/ 59	.2	2.8	2.6	.8	.3	.5	.1											68	68	49	53
58/ 57	.1	1.6	3.0	1.0	.6	.2												61	61	55	55
56/ 55	.2	1.7	2.2	1.7	.9	.2												64	64	55	40
54/ 53	.2	1.7	2.4	1.7	1.1	.4												70	70	59	42
52/ 51	.2	1.6	2.8	1.9	.8													68	68	56	63
50/ 49		1.6	3.3	2.4	.5													73	73	60	40
48/ 47		2.4	2.2	1.8	1.0													68	68	79	42
46/ 45		1.7	2.5	1.5	.2													55	55	77	57
44/ 43		1.7	2.2	.8	.6													49	49	74	47
42/ 41	.1	1.4	2.0	1.0	.3													45	45	56	74
40/ 39		.5	1.4	.5	.3													26	26	51	75
38/ 37		1.3	.9	.4	.2													26	26	34	51
36/ 35		.5	1.1	.1	.1													17	17	39	44
34/ 33		.2	.2	.1														5	5	16	38
32/ 31		.5	.3															8	8	17	44
30/ 29																				11	20
28/ 27																				3	18
26/ 25																					20
24/ 23																					7
22/ 21																					5
20/ 19																					7
18/ 15																					3
TOTAL	1.8	31.3	34.6	20.6	9.2	1.9	.2	.2										930	930		930
																		930		930	
Element (X)	Σ X ¹		Σ X ²		Σ X		Σ X ²		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.	5523018		70632		75.9		13.067		930		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total				
Dry Bulb	2704715		49437		53.2		9.089		930			.8	6.4	.7			93				
Wet Bulb	2350664		45948		49.4		9.311		930			3.1	1.7	.2			93				
Dew Point	2037972		42294		45.5		11.104		930			12.4	.9				93				

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705
STATION

ANDREWS AFB MD
STATION NAME

69-70,73-80
YEARS

YEARS

OCT
MONTH

PAGE 1

0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL O.B./W.B.	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb		Dew Point	
74/ 73		.1	.3																4	4		
72/ 71		.2	.1	.1															4	4	3	
71/ 69		.3	1.2	.4	.3	.1													22	22	4	5
69/ 67		.9	.3	.6	.1														18	18	5	3
66/ 65	.4	1.4	1.3	.9	.1														38	38	30	14
64/ 63	.4	3.2	1.2	1.2	.1		.3												60	60	25	28
62/ 61	.4	2.3	2.0	.5	.2	.1													52	52	59	30
61/ 59	.1	3.1	1.8	.6	.4	.2	.1												60	60	46	39
58/ 57	.2	2.8	1.2	.2	.5	.2		.1											49	49	55	51
56/ 55	.1	2.5	2.9	1.1	1.0	.2	.3												75	75	51	57
54/ 53	.1	2.6	2.3	1.9	1.0														73	73	56	46
52/ 51		1.5	3.0	1.8	1.0	.3													71	71	45	53
50/ 49		2.2	3.7	1.7	1.9														88	88	57	39
48/ 47		3.0	2.3	2.3	.3														73	73	82	31
46/ 45		1.8	1.9	1.1	.1														46	46	92	55
44/ 43		1.8	1.5	1.1	.5														46	46	68	64
42/ 41	.1	1.8	1.7	.6	.3														43	43	74	81
40/ 39	.2	1.1	1.6	.8	.3														37	37	39	48
38/ 37		1.5	.9	.6															28	28	42	53
36/ 35	.1	.9	.8	.6															22	22	35	46
34/ 33		.2	.9	.2															12	12	25	63
32/ 31		.5	.1																6	6	16	41
30/ 29			.1																1	1	16	22
28/ 27		.2																	2	2	3	16
26/ 25																					2	12
24/ 23																						10
22/ 21																						11
20/ 19																						8
18/ 17																						4
TOTAL	2.3	35.9	33.0	18.5	8.3	1.2	.8	.1											930	930	930	
Element (X)	Σ X ¹		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total	
Rel. Hum.	5646286		71408		76.813.251		930				≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F					93	
Dry Bulb	2617381		48603		52.3 9.123		930					.9	4.8	.4							93	
Wet Bulb	2290129		45319		48.7 9.482		930					3.7	1.2								93	
Dew Point	1992455		41765		44.811.215		930					12.4	.8								93	

PSYCHROMETRIC SUMMARY

YEARS

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17705
STATION

ANDREWS AFB MD
STATION NAME

69-70,73-80
YEARS

OCT
MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
8/ 87									.3									3	3				
6/ 85								.2	.3	.3								8	8				
4/ 83							.1	.4	.4	.3	.1							13	13				
2/ 81						.1	.4	.3	.4		.2							14	14				
1/ 79					.1	.4	.6	.2	.3	.2	.3							21	21				
7/ 77					.3	1.1	.2	1.0	.6	.4	.2							36	36				
6/ 75			.1	.2	.8	1.0	.6	1.1	.5	.4	.1							45	45				
4/ 73			.4	.4	.6	1.4	1.2	.3	.5	.2	.2							50	50				
2/ 71			.4	.4	.9	1.3	1.2	1.3	1.2	.5	.2	.1						70	70	10	1		
1/ 69		.5	.4	.9	.9	1.6	1.4	1.2	1.2	.8								82	82	33			
6/ 67	.1	.6	.5	.6	.8	.4	1.1	1.4	.8									59	59	40	14		
4/ 65		.8	.6	.4	.9	1.1	1.5	1.0	.4									62	62	47	18		
2/ 63		1.1	.4	.3	.4	2.0	1.1	1.8	.8	.2								76	76	64	38		
1/ 61		.6	1.5	.4	.9	1.9	2.2	2.5	.4	.1								98	98	81	39		
1/ 59		.6	.6	.6	1.2	1.8	2.4	.8	.1									76	76	55	45		
1/ 57		.5	.9	.5	.6	1.3	3.0	.6										70	70	72	48		
5/ 55			.5	.2	.5	.9	1.1	.2										32	32	79	51		
4/ 53		.3	.2	.4	.4	.8	1.3											32	32	72	55		
2/ 51			.2	.2	.3	.9	.6											21	21	78	38		
5/ 49			.2	.6	.4	.8	.9											27	27	67	42		
4/ 47		.1	.5		.2	.4	.9											20	20	80	41		
3/ 45		.2			.1	.2												5	5	47	58		
4/ 43		.1			.4	.1												6	6	40	49		
2/ 41																				21	68		
4/ 39																				16	45		
3/ 37																				14	34		
6/ 35		.1																1	1	10	59		
34/ 33		.2																2	2	1	38		
12/ 31																				2	45		
31/ 29																					24		
28/ 27																					20		
27/ 25																					28		
24/ 23																					4		
2/ 21																					11		
Element (X)	Σ X ²		Σ X		X		σ _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

12725
STATION

ANDREWS AFB MD

69-70, 73-80

YEARS.

OCT
MONTH

PAGE 2

1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
1 / 19																					10	
1 / 17																					3	
1 / 15																					3	
1 / 13	.1	5.9	7.8	6.5	10.8	19.5	21.7	14.3	8.4	3.6	1.4	.1							929		929	
																		929		929		

PSYCHROMETRIC SUMMARY

OCT
MONTH

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF Weather Service/MAC

PSYCHROMETRIC SUMMARY

13705
STATION

ANDREWS AFB MD
STATION NAME

69-70,73-80
YEARS

OCT
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
77 / 77					.1													1	1	
76 / 75				.1	.3	.4	.2		.1									11	11	
74 / 73		.2		1.1	.3	.9		.1	.1									25	25	
72 / 71		.2	.9	.6	.9	.3			.2									29	29	3
70 / 69		.4	1.1	.8	.9	.2	.3		.1	.1								36	36	10
68 / 67	.2	.3	1.3	1.8	1.0	.6	.2		.1									52	52	28
66 / 65		.8	1.2	1.8	.9	.6	.4	.1										54	54	28
64 / 63		1.8	1.4	2.7	.1	.5	.5		.1									67	67	47
62 / 61		2.0	1.9	2.6	1.0	1.3	1.0	.2	.1									94	94	63
60 / 59		.8	1.9	2.2	1.0	1.2	.5	.1										71	71	62
58 / 57		.6	1.7	2.4	1.5	1.4	.4	.1										76	76	64
56 / 55		.9	1.7	2.2	2.0	1.2	.3											77	77	58
54 / 53		.6	1.2	2.5	2.5	1.2	.2											76	76	67
52 / 51		.4	1.5	1.9	1.4	1.7												65	65	75
50 / 49		.6	1.6	1.2	1.9	.4	.2											56	56	64
48 / 47		.5	.9	1.7	1.2	.2												42	42	87
46 / 45		.5	1.1	1.2	1.0	.4												39	39	73
44 / 43		.3	.4	1.0	.4	.3												23	23	59
42 / 41		.1	.4	.4	.5													14	14	54
40 / 39		.3	.5	.3	.3													14	14	31
38 / 37		.2	.2	.3														7	7	23
36 / 35			.1															1	1	16
34 / 33																				14
32 / 31																			4	34
30 / 29																				49
28 / 27																				25
26 / 25																				19
24 / 23																				9
22 / 21																				4
20 / 19																				8
18 / 17																				9
16 / 15																				2
TOTAL	.2	11.8	21.1	28.7	19.1	13.0	4.4	.6	.9	.1								930	930	930
Element (X)	Σ x'		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total	
Rel. Hum.	4265400		61430		66.1		14.953		930		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F	
Dry Bulb	3162913		53659		57.7		8.516		930				15.4		3.7				93	
Wet Bulb	2562970		48154		51.8		8.657		930				.4		4.1				93	
Dew Point	2070202		42624		45.8		11.205		930				12.6		1.4				93	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13775 ANDREWS AFB MD

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75						.1												1	1		
74/ 73		.3		.1	.1	.5												10	10	2	
72/ 71			.6	.4	.3													13	13	1	3
70/ 69	.1	.6	1.1	.2	.6													25	25	4	3
68/ 67	.1	1.0	1.5	1.2	1.0	.3												47	47	17	8
66/ 65		1.7	1.1	.6	.3	.4			.2									41	41	24	10
64/ 63	.1	2.6	1.4	1.7	.3	.2	.1											60	60	50	31
62/ 61		2.8	1.2	2.3	.3	.3		.3										67	67	53	33
60/ 59	.1	2.0	2.7	.6	.6	.6	.2	.1										66	66	52	44
58/ 57		1.6	2.5	1.5	1.6	.4		.1										72	72	54	54
56/ 55		1.1	2.7	2.0	1.2	.5		.1										71	71	57	49
54/ 53		1.8	2.5	1.4	1.2	.1	.1											66	66	47	38
52/ 51		1.1	2.7	2.7	1.5	.2												76	76	76	60
50/ 49		1.4	2.9	1.9	.6	.8												71	71	71	50
48/ 47	.1	1.5	2.9	1.7	1.3	.2												72	72	78	43
46/ 45		1.0	1.9	1.0	1.3	.1												49	49	82	58
44/ 43		1.1	1.3	.4	.5													31	31	63	58
42/ 41		1.1	1.1	.8	.3													30	30	58	61
40/ 39		.8	1.4	.6	.2													28	28	42	70
38/ 37		.5	.8	.2	.1													15	15	37	60
36/ 35		.4	1.1	.1														15	15	25	36
34/ 33		.2	.1	.1														4	4	21	31
32/ 31																				14	40
30/ 29																				2	23
28/ 27																					31
26/ 25																					16
24/ 23																					10
22/ 21																					4
20/ 19																					3
18/ 17																					3
TOTAL	.5	24.6	33.3	21.7	13.5	4.9	.4	.6	.2									930	930	930	930
																		930		930	
Element (X)	Σ x ²		Σ x		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	5083152		67510		72.6	14.016	930		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	2846720		50784		54.6	8.900	930				9.6	1.1			93						
Wet Bulb	2418471		46671		50.2	9.065	930			1.6	2.4	.2			93						
Dew Point	2045545		42379		45.6	11.096	930			13.0	1.4				93						

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

OCT
MONTH

ALL
HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

13705
STATION

ANDREWS AFB MD

STATION NAME

69-70, 73-80

YEARS

OCT
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD
STATION STATION NAME

69-70,73-80
YEARS

NOV
MONTH
PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71				.1		.1	.3											5	5		
71/ 69			.1	.1		.2												4	4		
69/ 67		.1	.3			.1												5	5		
66/ 65		.4	.7	.3	.3	.1												17	17	3	
64/ 63		.9	.4	.2	.2	.1	.2											19	19	10	5
62/ 61	.2	1.6	.6	.3	.2	.2	.2		.1									31	31	20	14
59/ 59		1.8	.3	.4	.4	.4		.1										32	32	27	15
57/ 57		1.1	.9	.3	.3	.6		.1										30	30	30	21
55/ 55	.1	1.2	1.1	.8	.4	.2	.1											36	36	17	19
54/ 53		2.2	1.6	.3	.2	.1	.2											42	42	26	22
52/ 51		1.6	2.1	.3	.3	.1												40	40	40	34
50/ 49		1.2	2.6	1.8	1.6	.2												66	66	56	31
47/ 47		1.3	1.9	1.8	1.4	.4												62	62	36	24
45/ 45		2.6	1.8	3.1	1.3													79	79	46	32
44/ 43		2.6	2.0	3.1	1.3													81	81	65	47
42/ 41		1.2	1.8	1.4	.6													45	45	77	50
40/ 39	.1	1.8	2.1	3.0	.4													67	67	70	49
38/ 37		1.1	1.8	2.2	.4													50	50	70	43
36/ 35	.2	1.6	3.3	1.2														57	57	58	36
34/ 33		1.7	2.6	.6														43	43	67	62
32/ 31	.3	2.0	1.8	.6														42	42	65	69
30/ 29	.1	.9	1.0	.1														19	19	54	60
28/ 27		.4	.7	.3														13	13	23	63
26/ 25		.2	.1															3	3	19	65
24/ 23		.3	.3															6	6	8	38
22/ 21		.1	.4															5	5	5	33
20/ 19			.1															1	1	4	28
18/ 17																				3	11
16/ 15																				1	8
14/ 13																					8
12/ 11																					1
10/ 9																					7
8/ 7																					2
4/ 3																					1
Element (X)	Σ X'		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature							Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

NOV
MONTH

0000-020
HOURS (L. S. T.)

USAFETAC
FORM
NA 44
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD

69-70, 73-80

NOV

MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71						.1												1	1		
71/ 69			.1		.1	.1	.2											5	5		
69/ 67			.3															3	3		
66/ 65		1.0	.1	.1														11	11	2	
64/ 63		1.0	.1	.7	.1													17	17	13	6
62/ 61		1.3	.3	.3		.3												21	21	15	14
60/ 59		2.4	1.0	.2	.2	.1												36	36	16	12
58/ 57		1.1	.6	.2	.7			.1										24	24	36	18
58/ 55	.1	1.6	1.0	.3			.1											28	28	16	26
54/ 53		2.8	1.6	1.0	.6	.2												55	55	30	16
52/ 51		1.6	1.9	.3	.3	.2												39	39	32	42
50/ 49		1.6	3.1	.4	.7	.1												53	53	47	28
48/ 47		1.0	2.7	1.2	1.0	.3												56	56	44	19
48/ 45		2.6	2.2	3.3	.8													80	80	44	33
44/ 43	.1	2.9	1.7	1.9	1.2													70	70	67	43
42/ 41		1.7	1.7	2.0	.8													55	55	58	58
40/ 39	.1	1.9	2.6	1.8	.4													61	61	70	57
38/ 37	.1	1.2	2.6	2.1	.2													56	56	60	31
36/ 35	.3	1.7	3.3	.9	.1													57	57	74	33
34/ 33	.3	1.3	3.9	1.0														59	59	63	50
32/ 31		1.9	2.7	.1														42	42	65	68
30/ 29	.3	1.8	.6	.3														27	27	66	56
28/ 27	.2	1.4	.6	.1														21	21	40	57
26/ 25		.7	.4															10	10	17	72
24/ 23		.3	.3															6	6	9	56
22/ 21		.1																1	1	7	33
20/ 19			.7															6	6	3	33
18/ 17																				4	13
16/ 15																				2	6
14/ 13																					6
12/ 11																					3
10/ 9																					5
8/ 5																					3
4/ 3																					3
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Mean No. of Hours with Temperature		
Rel. Hum.																			≤ 0 F	≤ 32 F	≥ 67 F
Dry Bulb																			≥ 73 F	≥ 80 F	≥ 93 F
Wet Bulb																			Total		
Dew Point																					

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

13105
STATION

ANDREWS AFB MD

69-70, 73-80

NOV
MONTH

PAGE 2

0300-0500
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD 69-70,73-80 NOV
STATION STATION NAME YEARS MONTH
PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
72/ 71					.1													1	1					
71/ 67			.4			.1												5	5					
66/ 65		.8	.1	.4	.1													13	13					
64/ 63		1.3	.1	.8	.3													23	23	14	3			
62/ 61		1.3	.4	.3	.1													20	20	15	14			
61/ 59		2.0	.7	.1	.2													27	27	23	18			
61/ 57		1.7	.4	.6	.2													26	26	31	16			
58/ 55	.1	1.6	1.2		.1													27	27	21	30			
47/ 53		2.0	1.4	.8	.4													42	42	26	18			
47/ 51		1.6	2.9	.7	.6	.1												52	52	33	35			
51/ 49		1.7	2.0	.3	.6	.2												43	43	33	17			
48/ 47	.1	2.0	2.4	1.3	1.1	.3												66	66	52	30			
48/ 45		1.8	2.3	1.8	1.1	.2												65	65	44	38			
47/ 43	.2	2.8	2.6	2.6	.9													81	81	56	44			
62/ 41		1.6	1.4	2.2	.4		.1											52	52	60	45			
47/ 39		1.7	2.3	1.9	.7													59	59	64	49			
37/ 37		2.8	3.0	1.3	.1													65	65	67	28			
36/ 35	.4	2.6	3.1	1.4														68	68	89	61			
34/ 33	.3	1.0	3.7	.7	.1													52	52	63	42			
32/ 31	.1	2.0	2.0	.4														41	41	51	67			
30/ 29		1.8	.8	.1														24	24	68	56			
28/ 27	.2	2.2	.2															24	24	37	68			
26/ 25	.1	.4	.3															8	8	32	61			
24/ 23		.4	.3															7	7	3	48			
22/ 21	.2		.3															5	5	10	35			
20/ 19		.1																1	1	1	32			
18/ 17		.2	.1															3	3	4	13			
16/ 15																				3	9			
14/ 13																					9			
12/ 11																					4			
10/ 9																					4			
8/ 5																					6			
TOTAL	1.9	37.2	34.8	17.8	7.2	1.0	.1											900	900	900	900			
Element (X)	2x'		2x		X		°s		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	5060368		66308		73.7		13.956		900		≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≥ 93 F		Total	
Dry Bulb	1827041		39519		43.9		10.122		900				11.3		.6								90	
Wet Bulb	1568738		36460		40.8		10.100		900				20.9										90	
Dew Point	1277794		32114		35.7		12.113		900				41.2										90	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705
STATION

ANDREWS AFB MD
STATION NAME

69-70,73-80
YEARS

NOV
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		Dry Bulb	Wet Bulb	Dew Point
79									.1								1	1		
77							.1	.1									2	2		
75					.2		.3										5	5		
73				.2		.2	.1	.1									6	6		
71			.1	.1	.2	.3	.2										9	9		
69			.2	.4	.1	.1	.1	.2									11	11	1	
67		.3	.7	.1	.2	.2	.1	.1									16	16	5	
65		.2	.9	.6	.3	.3	.4	.2	.1								28	28	11	4
63	1.2	.7	.2	.2	.8	.2											30	30	21	12
61	.9	.3	.4	.4	.7	.3	.2	.1									31	31	23	11
59	1.4	.8	.6	.7	.8	1.0	.2										49	49	30	19
57	1.4	1.1	.9	1.0	.8	1.3											59	59	19	28
55	1.9	1.1	1.2	1.2	1.3	.3											64	64	37	26
53	1.1	1.2	1.2	.7	1.1	.4	.1										53	53	52	28
51		.4	1.2	1.0	2.0	1.3											54	54	47	31
49	2.0	1.8	1.3	2.3	1.7	.1											83	83	52	24
47	1.2	.7	1.6	3.2	1.1												70	70	67	45
45	.9	1.0	1.4	2.4	.8												59	59	59	37
43		.3	.9	3.2	1.9	.1											58	58	61	41
41	.2	.6	.8	1.9	1.8		.1										48	48	70	42
39	.1	1.4	1.4	2.1	1.9	.2											65	65	78	37
37	.1	.4	.9	1.3	.9												33	33	78	41
35		.8	.9	1.7	.2												32	32	53	49
33	.2	.4	.3	.4	.1												14	14	52	62
31		.1	.2	.4	.1												8	8	38	71
29			.1	.6													6	6	23	59
27				.1													1	1	5	69
25			.1	.1													2	2	8	41
23			.1														1	1	5	16
21			.2														2	2	1	36
19																			3	28
17																			1	14
15																				5
13																				5
Element (X)	ΣX^2		ΣX		\bar{X}		σ^2		No. Obs.		Mean No. of Hours with Temperature								Total	
Ref. Num.											$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$				
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

69-70, 73-80

NOV
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

69-70, 73-80

NOV
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
1 / 15																					14	
10 / 13																					4	
12 / 11																					12	
10 / 9																					6	
- / 7																					1	
TAL	.4	10.2	8.1	13.3	20.0	20.3	13.4	8.6	4.0	1.4	.1								900		900	
																		900		900		
																			</			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFB WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705
STATION

ANDREWS AFB MD
STATION NAME

69-70,73-80
YEARS

NOV
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL															
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point																												
4/ 83										.2								2													2																	
7/ 81									.2									4													4																	
7/ 79									.2	.1	.3							6													6																	
73/ 77					.1		.1	.1	.1	.1								5													5																	
7/ 75						.2		.3	.4	.1	.2							12													12																	
4/ 73				.4	.3	.9	.2	.3	.1									21													21																	
7/ 71			.1	.2	.9	.1	.3	.7	.3	.2								26													26																	
7/ 69			.1	.3	.2	.1	.7	.4	.4									21													21		1															
6/ 67			.2	.2	.3	.2	.4	.3	.6	.3								24													24		8															
66/ 65		.3	.6	.2	.3	.4	.8	.8	.3	.3								37													37	19	1															
4/ 63		1.1	.7	.8	.2	1.3	1.0	.4	.6	.1								56													56	24	8															
2/ 61		.6	1.1	.4	.4	.8	.6	.9	.3									46													46	36	16															
6/ 59		.9	.7	.2	.7	1.0	.4	.8	.2									44													44	26	24															
7/ 57		.6	.7	.7	.7	.8	1.6	.7	.1									51													51	50	34															
56/ 55		.7	.8	1.2	1.7	1.6	1.1											63													63	33	21															
4/ 53		.4	1.4	.4	.7	1.7	2.4	.3										67													67	45	23															
2/ 51		.3	1.1	1.2	1.1	1.7	1.4	.1										63													63	55	21															
56/ 49		1.0	.7	.6	1.2	3.9	.3	.1										70													70	54	35															
46/ 47		.8	.1	.7	3.2	2.0	.3											64													64	67	38															
46/ 45		.3	.2	.9	1.9	2.4	.2											54													54	69	40															
4/ 43		.7	.1	1.3	1.6	1.7	.1											49													49	44	38															
42/ 41	.1	1.4		.6	1.6	.2												35													35	83	49															
4/ 39		.3	.2	.7	1.1	.2												23													23	90	45															
3/ 37		.3	.4	.7	.8													20													20	53	35															
36/ 35		.1	.1	.1	.9													11													11	52	35															
34/ 33	.2	.3	.3	.3	.7													17													17	40	48															
32/ 31				.4	.1													5													5	18	52															
30/ 29				.1	.1													2													2	9	48															
28/ 27																		2													2	12	77															
26/ 25																																	7	48														
24/ 23																																	4	36														
22/ 21																																	1	41														
20/ 19																																		27														
18/ 17																																		18														
Element (X)	Σ x ¹				Σ x				Σ				Σ _n				No. Obs.				Mean No. of Hours with Temperature																											
Rel. Hum.																					≤ 0 F				≤ 32 F				≥ 67 F				≥ 73 F				≥ 80 F				≥ 93 F				Total			
Dry Bulb																																																
Wet Bulb																																																
Dew Point																																																

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

<u>13705</u>	<u>ANDREWS AFB MD</u>
STATION	STATION NAME

69-70, 73-80

YEARS

NOV
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

D-26-5 (OL A)

44-38861-1000

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13715 ANDREWS AFB MD

69-70,73-80

NOV
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
74/ 73				.2		.2		.2											6	6			
72/ 71					.3	.3	.1	.2											9	9			
70/ 69			.2		.2	.4													10	10			
68/ 67			.4	.6	.3	.3		.1	.1										15	15	2		
66/ 65	.1	.7	.3	.4	.4	.8		.1											26	26	5		
64/ 63	.1	.3	.9	.2	.4	.4	.1												23	23	19		
62/ 61		1.9	.1	.3	.2	.6	.2		.2										32	32	19		
60/ 59		1.6	.4	.8	.6	.6	.8		.1										43	43	35		
58/ 57	.2	1.6	.9	.8	1.0	.8	.3												50	50	33		
56/ 55		.4	1.0	.9	.1	1.7	.4	.1											42	42	28		
54/ 53		1.4	1.2	1.3	.8	1.0	.4												56	56	30		
52/ 51		.7	2.2	1.7	2.0	1.1													69	69	40		
50/ 49		.7	2.0	1.1	1.3	.6													51	51	49		
48/ 47		.9	2.0	1.8	2.6	.7													71	71	62		
46/ 45		.3	1.7	2.8	3.3	.2													75	75	62		
44/ 43		.9	.8	3.9	1.9														67	67	60		
42/ 41		1.7	1.6	2.0	2.2														67	67	65		
40/ 39		1.2	1.0	2.2	1.3														52	52	90		
38/ 37		.6	2.3	2.0	.4														48	48	83		
36/ 35	.1	.6	1.3	1.2	.6														34	34	50		
34/ 33	.2	.8	.9	1.1	.2														29	29	71		
32/ 31		.1	.1	.6	.1														8	8	40		
30/ 29		.1	.2	.8															10	10	21		
28/ 27				.2															2	2	13		
26/ 25			.2	.1															3	3	12		
24/ 23			.1	.1															2	2	5		
22/ 21																					4		
20/ 19																					2		
18/ 17																							
16/ 15																							
14/ 13																							
12/ 11																							
10/ 9																							
8/ 7																							
Element (X)	Σ X ²			Σ X			X̄			σ _x			No. Obs.			Mean No. of Hours with Temperature							
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC FORM 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

69-70, 73-80

YEARS

NOV
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705

ANDREWS AFB MD

69-70, 73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
4/ 73								.3										3	3			
7/ 71					.1													1	1			
10/ 69				.2	.1	.4												7	7			
6/ 67			.4	.1	.3	.1	.2											11	11			
6/ 65		.6	.6	.2	.2	.3		.1	.1									19	19			
4/ 63		.6	.4	.2	.8	.1	.6	.1										25	25	19	3	
12/ 61	.1	1.2	.9	.2	.3	.3	.1											29	29	9	15	
1/ 59	.1	2.2	.8	.4	.6		.3											40	40	32	13	
1/ 57	.2	1.2	1.1	.6	.2	.6		.1										36	36	39	28	
5/ 55		1.0	1.0	.9	.7	.4	.1											37	37	28	22	
4/ 53		.9	1.9	1.0	.6	.4	.2											45	45	29	21	
2/ 51		1.2	1.9	.8	1.2	.6	.2											53	53	34	25	
5/ 49		.7	1.4	1.8	1.6	.4												53	53	44	35	
4/ 47		1.1	1.8	1.9	1.7	.4												62	62	44	25	
4/ 45		1.4	1.4	4.0	1.4	.1												76	76	42	35	
4/ 43	.1	1.7	2.0	3.7	1.7													82	82	68	33	
42/ 41		1.2	1.8	2.9	1.0	.1												63	63	69	46	
40/ 39		1.8	1.4	3.6	.4													65	65	96	39	
3/ 37	.1	.4	1.9	1.9	.4													43	43	76	57	
2/ 35	.1	1.1	2.9	1.4														50	50	54	47	
34/ 33	.1	.8	2.1	.9	.1													36	36	67	64	
12/ 31	.1	2.0	1.1	.4														33	33	57	75	
20/ 29		.2	.7	.6														13	13	48	48	
2/ 27			.8	.1														8	8	13	71	
2/ 25			.4															4	4	11	70	
2/ 23			.1	.1														2	2	10	40	
12/ 21			.4															4	4	5	21	
2/ 19																				4	18	
1/ 17																				2	16	
1/ 15																					7	
14/ 13																					11	
12/ 11																					2	
10/ 9																					10	
4/ 3																					2	
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																						
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM 0-26-5 (OLA) 4A 44

REPLACES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

NOV
MONTH

2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

15705

ANDREWS AFB MD

69-70, 73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
4/ 83										.1								5	5																
5/ 81									.0	.0	.0							8	8																
6/ 79									.1	.0	.0							9	9																
7 77					.0	.0	.0	.1	.1	.0								17	17																
8/ 75					.0	.1	.1	.1	.1	.1	.0							34	34																
9 73				.2	.1	.2	.1	.2	.0	.0								51	51																
10/ 71			.0	.1	.3	.1	.2	.2	.1	.1								80	80																
11/ 69			.1	.3	.1	.2	.2	.2	.1									90	90	2															
12/ 67		.1	.4	.2	.2	.2	.2	.2	.1	.0	.0							116	116	26															
1 66/ 65	.0	.6	.4	.3	.3	.3	.2	.2	.2	.0								183	183	64	11														
2 64/ 63	.0	.9	.5	.5	.4	.4	.3	.2	.2	.0								236	236	153	53														
3/ 62/ 61	.0	1.2	.5	.4	.3	.6	.2	.3	.1	.0								266	266	164	114														
4/ 60/ 59	.0	1.7	.7	.4	.6	.4	.5	.3	.1									340	340	214	150														
5 58/ 57	.1	1.1	.8	.6	.6	.5	.6	.2	.0									321	321	295	199														
5 56/ 55	.0	1.1	1.0	.8	.6	.9	.4	.0										351	351	220	195														
7 54/ 53		1.4	1.4	.8	.6	.7	.7	.1										411	411	292	169														
12/ 52/ 51		1.0	1.0	.9	1.0	1.0	.5	.0										450	450	326	240														
5 50/ 49		1.2	1.0	.9	1.4	1.3	.2	.0										488	488	389	237														
8 48/ 47	.0	1.1	1.5	1.3	2.0	.9	.1											502	502	446	255														
4 46/ 45		1.3	1.3	2.3	1.9	.7	.0											537	537	428	284														
3 44/ 43	.1	1.5	1.3	2.5	1.5	.4	.0											520	520	471	332														
4 42/ 41	.1	1.2	1.2	1.8	1.3	.1	.0											412	412	558	378														
4 40/ 39	.1	1.4	1.4	2.0	.9	.1												418	418	646	351														
3 38/ 37	.0	.9	1.6	1.5	.5													326	326	532	317														
3 36/ 35	.2	1.1	1.9	1.0	.3													326	326	476	350														
3 34/ 33	.2	.9	1.7	.7	.2													262	262	466	435														
12/ 32/ 31	.1	1.0	1.0	.4	.1													184	184	353	525														
1 30/ 29	.1	.6	.4	.3	.0													102	102	296	465														
2 28/ 27	.1	.5	.3	.2														72	72	154	526														
1 26/ 25	.0	.2	.2	.0														30	30	112	462														
2 24/ 23		.1	.2	.0														25	25	45	294														
1 22/ 21	.0	.0	.2															17	17	34	260														
1 20/ 19		.0	.1															8	8	18	221														
1 18/ 17		.0	.0															3	3	14	115														
Element (X)	Σ x'			Σ x			Σ			Σ _n			No. Obs.			Mean No. of Hours with Temperature																			
Rel. Hum.																													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

NOV
MONTH

ALL

ALL
HOURS (L, S, T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE /MAC

PSYCHROMETRIC SUMMARY

13785 ANDREWS AFB MD 69-70,73-80 DEC
STATION STATION NAME YEARS MONTH
PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
70 / 69				.1														1	1						
69 / 67			.1	.2	.2													5	5						
66 / 65		.1			.1		.1											3	3						
64 / 63			.1	.1		.1	.3											6	6	5					
62 / 61		.4	.5	.1	.5													15	15		2				
60 / 59			.1															1	1	7	4				
58 / 57		.2		.1	.1													4	4	7	4				
56 / 55		.6	.1	.8														14	14	6	3				
54 / 53		.3		.2	.3													8	8	13	12				
52 / 51		.2	1.1	.2	.9	.1												23	23	6	5				
50 / 49		1.0	1.0	.9	.4	.3												33	33	13	4				
48 / 47		.5	1.0	.5	.3													22	22	24	11				
46 / 45	.2	.6	.5	1.5	.2	.1												30	30	23	18				
44 / 43	.2	1.4	2.0	1.5	.6	.1												55	55	31	24				
42 / 41	.2	2.3	1.4	.9	.8													51	51	34	22				
40 / 39	.6	2.3	2.7	2.9	.8													86	86	76	27				
38 / 37	.4	1.9	2.4	3.2	.8	.1												82	82	51	49				
36 / 35		1.9	2.2	3.7	.1													73	73	52	35				
34 / 33	.2	3.9	2.2	3.0	.5													91	91	99	43				
32 / 31	.4	2.8	4.9	2.6														100	100	88	64				
30 / 29	.2	1.7	3.3	1.0														58	58	96	55				
28 / 27		.9	2.4	.8														37	37	74	58				
26 / 25	.3	1.3	2.6	.2														41	41	74	61				
24 / 23	.2	1.0	2.3	.2														34	34	40	42				
22 / 21	.1	.9	1.6															24	24	42	76				
20 / 19		.6	.9															14	14	28	59				
18 / 17		.3	.6															9	9	20	59				
16 / 15		.5	.2															7	7	10	43				
14 / 13		.1	.2															3	3	6	40				
12 / 11																				3	36				
10 / 9																				2	25				
8 / 7																					14				
6 / 5																					14				
4 / 3																					9				
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Mean No. of Hours with Temperature						
Rel. Hum.																			≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHOMETRIC SUMMARY

DEC
MONTH

PAGE 2 0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

69-70, 73-80

DEC

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMAR

YEARS

DEC
MONTH

PAGE 2 0300-050
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM 100-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JAN 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705
STATION

ANDREWS AFB MD
STATION NAME

69-70,73-80
YEARS

DEC
MONTH

PAGE 1

0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
70 / 69				.2														2	2			
66 / 65				.1														1	1			
64 / 63			.1															1	1	2		
62 / 61		.1	.1	.1														3	3		1	
57 / 59		.2			.1	.1												4	4	4	1	
57 / 57		.4	.2	.4														10	10	2	3	
55 / 55		.4	.5	.2														11	11	8	4	
54 / 53	.1	.5	.3	.3														12	12	7	8	
52 / 51		1.1	.3	.1	.1													15	15	15	6	
50 / 49		.5	.4	.3	.2													14	14	15	9	
47 / 47		.2	1.2	.3	.3													19	19	11	12	
45 / 45		.9	1.0	1.1	1.0													36	36	11	14	
44 / 43		1.6	1.3	1.5	.4													45	45	22	5	
42 / 41	.1	2.3	2.6	.8	.4													57	57	39	22	
40 / 39	.4	1.0	1.8	1.7	.5													51	52	56	34	
37 / 37	.4	2.5	2.4	2.6	.4													77	77	59	33	
35 / 35	.2	3.1	2.9	3.3	.2													91	91	47	34	
34 / 33		3.9	4.7	1.3														92	92	89	36	
32 / 31	.3	4.3	3.2	2.8														99	99	87	78	
29 / 29	.5	1.8	3.4	2.2														74	74	117	51	
28 / 27	.1	1.8	2.8	.4														48	48	69	58	
26 / 25	.2	1.7	2.3															39	39	69	66	
24 / 23	.2	1.8	1.7															35	35	72	45	
22 / 21	.1	1.0	1.3															22	22	32	63	
20 / 19		1.8	1.8															34	34	21	78	
18 / 17		1.0	.9															17	17	36	58	
16 / 15		.8	.1															8	8	13	48	
14 / 13		.4	.1															5	5	13	21	
12 / 11		.4																4	4	6	63	
10 / 9		.3																3	3	5	24	
8 / 7																				2	17	
6 / 5																					8	
4 / 3																					11	
2 / 1																					10	
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																						
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM 0-26-5 (OL A) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

69-70, 73-80

DEC
MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

[illegible]

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705
STATION

ANDREWS AFB MD
STATION NAME

69-70,73-80
YEARS

YEARS

DEC
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
74/ 73					.1													1	1	
72/ 71					.3		.2	.1										6	6	
70/ 69				.2			.1	.1	.2									6	6	
68/ 67						.3		.1	.2									6	6	
66/ 65		.1			.2	.1			.2									6	6	3
64/ 63		.2			.1		.1	.2	.1									7	7	4
62/ 61				.2	.3	.1	.1											7	7	2
60/ 59			.5	.1	.1	.4	.2	.1										14	14	5
58/ 57		.4	.3	.1	.5	.4	.5	.2	.1									25	25	5
56/ 55		.2	.2	.3	.5	.4	.3	.4	.2									25	25	16
54/ 53		.1	.8	.4	1.4	.8	.1	.1	.1									35	35	12
52/ 51		.2	.8	.3	.8	.6	.3											28	28	14
50/ 49		1.2	.8	1.3	1.5	1.4	.8	.2										66	66	26
48/ 47		1.0	.4	.8	1.6	1.7	1.4											64	64	36
46/ 45		.9	.6	2.0	3.0	1.8	.4											82	82	44
44/ 43		1.3	1.4	2.2	3.2	1.3												87	87	46
42/ 41	.5	1.8	1.2	.9	2.8	1.3	.1											80	80	57
40/ 39		2.9	1.2	2.0	2.9	.4												88	88	98
38/ 37		1.1	.9	1.8	2.2	.1												56	56	109
36/ 35		.9	.2	2.5	2.6													57	57	81
34/ 33		.9	1.1	1.8	1.9													53	53	78
32/ 31		.6	.5	2.7	1.4													49	51	60
30/ 29		.2	.8	1.8	.1													27	27	63
28/ 27		.5	.2	1.7	.1													24	24	48
26/ 25		.3	.2	1.1	.1													16	16	51
24/ 23		.1		.3														6	6	34
22/ 21			.1	.2														3	3	14
20/ 19			.3															3	3	13
18/ 17																				5
16/ 15																			3	
14/ 13																				52
12/ 11																				28
10/ 9																				30
8/ 7																				20
Element (X)	Σ x ²		Σ x		Σ	°	No. Obs.		Mean No. of Hours with Temperature										Total	
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F						
Dry Bulb																				
Wet Bulb																				
Dew Point																				

FORM 0-26-5 (OLA) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

PSYCHROMETRIC SUMMARY

13705
STATION

ANDREWS AFB MD STATION NAME

69-70, 73-80

YEARS

DEC
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
72/ 71					.2													2													2				
68/ 67				.2	.1	.1	.1	.2										7													7				
66/ 65							.1											1													1		2		
64/ 63		.2	.2				.1											5													5		1		
62/ 61				.3	.2			.1	.1									7													7		4	3	
60/ 59			.3	.1	.3													7													7		3		
58/ 57		.8	.4		.1	.1	.1											14													14		2	2	
56/ 55		.2	.2	.3		.1	.1											9													9		17	3	
54/ 53		.4	.4	.2	.3	.4												17													17		11	7	
52/ 51		.4	.3	.4	.4	.1												16													16		10	9	
50/ 49	.1	.8	.9	1.3	.5	.3	.5											41													41		13	14	
48/ 47		1.3	.5	1.3	.5	.3	.2											39													39		16	12	
46/ 45		.9	1.5	1.9	.6	.2	.2											50													50		34	11	
44/ 43		1.9	2.8	1.2	1.8	.5												77													77		38	21	
42/ 41	.5	2.8	1.9	2.7	2.2	.2												96													96		58	25	
40/ 39	.1	2.5	2.0	2.4	1.1	.3												78													78		80	39	
38/ 37	.2	1.3	2.2	3.2	1.6	.3												82													82		66	40	
36/ 35	.1	1.5	2.5	3.9	1.4													87													87		82	63	
34/ 33		1.6	2.8	2.8	.2													69													69		83	54	
32/ 31		1.0	2.8	3.6														68													68		92	44	
30/ 29		.8	2.9	2.5														57													57		83	39	
28/ 27		.6	1.9	1.0														33													33		67	56	
26/ 25		.4	1.1	.8														21													21		65	63	
24/ 23	.2	.9	.6															16													16		43	49	
22/ 21			1.1	.3														13													13		19	61	
20/ 19		.3	1.1															13													13		18	55	
18/ 17		.2	.1															3													3		11	53	
16/ 15																																		10	65
14/ 13																																		1	42
12/ 11																																			22
10/ 9																																			31
8/ 7																																			12
6/ 5																																			9
4/ 3																																			11
Element (X)	Σ X'				Σ X				X				C _X				No. Obs.				Mean No. of Hours with Temperature														
Rel. Hum.																					≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-5 (OL A) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
C/ -1																					4		
-2/ -3																					5		
-4/ -5																					1		
TOTAL	1.3	20.8	30.7	30.4	11.7	3.2	1.5	.3											928		928		
																		928		928			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

137.5
STATION

ANDREWS AFB MD
STATION NAME

69-70,73-80
YEARS

DEC
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65			.4				.3											7	7		
64/ 63		.1	.3	.4	.1													9	9		
62/ 61			.3	.1														4	4	6	
60/ 59		.6	.1	.3														10	10	3	5
58/ 57		.2	.2	.1	.1													6	6	13	6
56/ 55		.1		.4	.1	.4												10	10	6	7
54/ 53		.1	.4	.4	.4	.2												15	15	7	6
52/ 51		.6	1.2	.2	.1	.2												22	22	5	3
50/ 49		.5	1.2	.6	.4	.1												27	27	15	11
48/ 47		.8	.6	1.2	.2	.1												27	27	25	7
46/ 45		.6	1.0	1.5	.1	.4	.1											35	35	25	14
44/ 43	.5	1.2	1.7	1.4	1.1	.4												59	59	34	34
42/ 41	.3	3.3	2.4	2.3	.2													79	79	43	17
40/ 39	1.3	3.2	1.6	3.0	.9													93	93	84	37
38/ 37	.3	1.1	2.7	2.5	.9													69	69	59	54
36/ 35	.1	1.3	2.7	3.8	1.4	.1												87	87	66	47
34/ 33		2.0	3.7	2.7	.1													79	79	81	33
32/ 31	.1	2.7	3.3	3.3														88	88	71	60
30/ 29	.1	1.1	4.0	1.6														63	63	102	38
28/ 27	.2	1.3	1.6	.5														34	34	83	56
26/ 25	.2	.6	2.5	.2														33	33	73	66
24/ 23	.2	.9	2.2	.2														32	32	41	48
22/ 21	.1	.3	1.1	.1														15	15	30	74
20/ 19		.2	1.3															14	14	24	58
18/ 17		.2	.6															8	8	14	53
16/ 15		.2																2	2	11	46
14/ 13																				6	43
12/ 11																					45
10/ 9																					15
8/ 7																					9
6/ 5																					13
4/ 3																					8
2/ 1																					4
0/ -1																					5
Element (X)	Σ X ²		Σ X		X	σ _x	No. Obs.		Mean No. of Hours with Temperature										Total		
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

<u>13705</u>	<u>ANDREWS AFB MD</u>
STATION	STATION NAME

69-70, 73-80

YEARS

DEC
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF Weather Service/MAC

PSYCHROMETRIC SUMMARY

12/5 ANDREWS AFB MD

69-70, 73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po.				
74/ 73					.0			.0										2	2						
73/ 71					.1		.0	.0										12	12						
72/ 69				.1	.0		.0	.0	.0									20	20						
71/ 67			.0	.1	.1	.1	.0	.0	.0									24	24						
70/ 65		.0	.1	.1	.1	.0	.1	.1	.1									33	33	6					
69/ 63		.1	.1	.1	.1	.1	.1	.1	.1									42	42	20					
68/ 61		.2	.2	.1	.2	.1	.1	.0	.1									67	67	18	1				
67/ 59		.1	.2	.2	.1	.1	.1	.0	.0									66	66	36	2				
66/ 57		.4	.3	.2	.1	.1	.1	.1	.0									100	100	47	2				
65/ 55		.3	.2	.4	.2	.3	.1	.1	.1									115	115	79	3				
64/ 53	.0	.3	.4	.4	.4	.4	.0	.1	.0									156	156	86	6				
63/ 51		.4	.6	.3	.5	.4	.1	.0										179	179	82	5				
62/ 49	.0	.9	.9	.8	.8	.6	.2	.1										313	313	136	8				
61/ 47	.0	.7	.7	.9	.9	.6	.3											312	312	196	9				
60/ 45	.1	.7	.9	1.6	1.4	.7	.2											411	411	211	12				
59/ 43	.1	1.3	1.8	1.8	1.6	.5												519	519	276	15				
58/ 41	.3	2.2	1.7	1.6	1.4	.3	.0											565	565	396	17				
57/ 39	.5	2.3	2.0	2.2	1.3	.2	.0											629	630	641	25				
56/ 37	.3	1.7	2.1	2.5	1.2	.1												580	580	596	30				
55/ 35	.1	1.9	1.7	3.2	1.3	.0												605	605	579	38				
54/ 33	.0	2.4	2.6	2.4	.6													597	598	660	40				
53/ 31	.2	2.2	2.7	3.0	.4													621	624	592	51				
52/ 29	.2	1.1	2.6	1.8	.0													425	425	709	39				
51/ 27	.1	1.0	1.8	.9	.0													271	271	532	42				
50/ 25	.2	.8	1.8	.5	.0													241	241	520	51				
49/ 23	.1	.8	1.1	.2														166	166	353	35				
48/ 21	.1	.4	1.1	.1														125	125	217	47				
47/ 19	.0	.6	1.0	.0														123	123	163	51				
46/ 17		.3	.4															56	56	131	40				
45/ 15		.3	.1															28	28	74	38				
44/ 13		.1	.1															15	15	42	33				
43/ 11		.1																6	6	16	31				
42/ 9		.1																4	4	11	19				
41/ 7																				3	13				
Element (X)	ΣX ¹		ΣX		Σ		Σ _n		No. Obs.		Mean No. of Hours with Temperature										Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			Total						
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

DEC
MONTH

ALL
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AT WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1975
STATION

ANDREWS AFB MD
STATION NAME

69-70,73-81
YEARS

ALL
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
0/ 99												.0						2	2	
1/ 97									.0	.0	.0	.0	.0					32	33	
2/ 95							.0		.0	.0	.0	.0	.0			.0		86	87	
3/ 93							.0	.0	.0	.1	.0	.0	.0	.0	.0			168	168	
4/ 91					.0	.0	.0	.1	.1	.1	.1	.0	.0	.0				355	357	
5/ 89				.0	.0	.0	.1	.2	.2	.1	.1	.0	.0	.0				644	645	
6/ 87			.0	.0	.0	.1	.2	.3	.3	.1	.1	.0	.0	.0				998	999	
7/ 85		.0	.0	.0	.1	.3	.3	.3	.2	.1	.1	.0	.0	.0				1309	1312	
8/ 83			.0	.1	.2	.3	.4	.3	.2	.1	.1	.0	.0	.0				1488	1493	7
9/ 81		.0	.0	.2	.3	.4	.4	.3	.2	.1	.0	.0	.0	.0				1739	1747	25
10/ 79		.0	.2	.4	.4	.5	.3	.3	.2	.1	.1	.0	.0	.0				2188	2190	207
11/ 77		.1	.4	.5	.5	.3	.3	.3	.2	.1	.0	.0	.0					2446	2454	694
12/ 75	.0	.3	.9	.8	.5	.4	.3	.3	.2	.1	.0	.0						3189	3195	1635
13/ 73	.0	.8	1.1	.9	.4	.4	.3	.2	.2	.1	.0	.0						3784	3788	2875
14/ 71	.1	.9	1.3	.6	.5	.3	.3	.2	.2	.1	.0	.0						4022	4028	3855
15/ 69	.1	.9	1.3	.7	.5	.4	.3	.2	.2	.1	.0							4008	4017	4314
16/ 67	.1	.8	1.0	.7	.5	.3	.3	.2	.1	.0	.0							3413	3420	4151
17/ 65	.1	.9	.7	.6	.5	.3	.3	.2	.2	.0	.0							3351	3353	3895
18/ 63	.1	.9	.7	.6	.3	.3	.2	.2	.1	.0	.0							3125	3125	3967
19/ 61	.1	.8	.8	.6	.4	.3	.2	.2	.1	.0								3127	3128	3655
20/ 59	.1	.9	.8	.4	.4	.3	.3	.2	.1	.0								3042	3042	3514
21/ 57	.1	.8	.7	.4	.4	.3	.3	.2	.0	.0								2825	2825	3475
22/ 55	.0	.7	.6	.5	.4	.4	.3	.1	.0									2764	2764	2905
23/ 53	.0	.7	.6	.5	.5	.4	.3	.1	.0									2719	2719	2897
24/ 51	.0	.5	.8	.5	.5	.4	.3	.0										2701	2701	2669
25/ 49	.0	.6	.7	.6	.6	.5	.2	.0										2889	2889	2786
26/ 47	.0	.7	.6	.6	.7	.4	.1	.0										2805	2805	3041
27/ 45	.0	.6	.6	.7	.7	.4	.1	.0										2780	2780	3047
28/ 43	.1	.6	.6	.8	.6	.3	.0											2663	2665	3010
29/ 41	.1	.6	.7	.6	.6	.2	.0											2596	2596	3162
30/ 39	.2	.6	.8	.8	.6	.1	.0											2701	2702	3313
31/ 37	.1	.7	.8	.9	.5	.1												2618	2618	2925
32/ 35	.1	.7	.9	.9	.4	.0												2685	2685	3106
33/ 33	.1	.7	.9	.1	.2	.0												2306	2307	3180
No. Obs.																		Mean No. of Hours with Temperature		
																		≤ 0 F	≤ 32 F	≥ 67 F
																		≥ 73 F	≥ 80 F	≥ 93 F
																		Total		

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

1975 ANDREWS AFB MD

69-71,73-81

STATION		STATION NAME												YEARS	
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
0-5	MEAN	31.3	32.7	42.0	50.9	58.9	66.2	70.8	70.7	64.9	53.2	45.4	36.6	52.0	
	S D	11.632	10.906	9.773	8.659	7.575	6.585	4.983	4.909	7.202	9.089	10.120	9.794	16.310	
	TOTAL OBS	93	846	931	900	930	900	930	930	899	930	900	930	10959	
5-10	MEAN	29.7	31.5	40.4	48.8	57.0	64.5	69.3	69.4	63.5	51.8	44.2	35.4	50.9	
	S D	10.640	10.461	9.751	8.741	7.725	6.763	5.159	5.035	7.269	9.216	10.127	9.812	16.270	
	TOTAL OBS	93	846	929	900	929	900	929	930	900	930	900	930	10953	
10-15	MEAN	29.2	31.0	40.5	50.7	60.1	68.1	72.2	71.5	64.6	52.3	43.9	34.7	51.7	
	S D	10.637	11.270	9.764	8.833	7.516	6.162	4.921	5.251	7.157	9.123	10.122	9.551	17.348	
	TOTAL OBS	93	845	930	900	930	900	937	929	899	930	900	930	10953	
15-20	MEAN	32.4	35.2	46.6	56.0	66.9	75.1	79.4	79.1	72.3	60.0	50.3	39.0	58.1	
	S D	11.18	11.744	10.476	9.934	8.252	6.876	5.411	5.890	7.388	8.477	9.931	9.324	16.423	
	TOTAL OBS	93	846	931	900	929	900	931	929	898	930	900	929	10951	
20-25	MEAN	36.1	41.0	51.2	62.5	71.1	79.2	83.5	83.4	76.7	64.9	55.1	43.2	62.9	
	S D	11.434	12.568	11.258	10.828	8.903	7.410	5.920	6.242	7.899	9.002	10.790	9.701	16.649	
	TOTAL OBS	93	846	931	900	930	900	930	930	900	929	900	930	10954	
25-30	MEAN	37.3	42.2	52.5	63.9	71.7	79.5	83.4	83.1	76.6	64.7	54.3	42.9	62.8	
	S D	10.292	12.569	11.252	10.850	8.932	7.594	6.199	6.367	7.743	8.988	10.664	9.556	18.497	
	TOTAL OBS	93	845	930	900	930	899	929	928	900	930	900	929	10950	
30-35	MEAN	33.4	37.7	48.1	58.9	66.9	74.5	78.2	77.3	70.2	57.7	48.9	38.9	57.7	
	S D	9.878	11.464	10.030	9.883	8.141	7.001	5.746	5.767	7.369	8.516	9.844	9.162	17.647	
	TOTAL OBS	929	846	929	900	928	899	928	930	899	930	900	928	10946	
35-40	MEAN	32.1	34.8	44.5	53.8	61.4	68.8	72.9	72.5	66.5	54.6	46.7	37.4	53.9	
	S D	11.276	11.231	9.651	8.957	7.465	6.545	4.873	4.874	7.198	8.900	10.058	9.308	16.479	
	TOTAL OBS	93	846	927	900	927	900	929	930	898	930	900	927	10944	
ALL HOURS	MEAN	32.0	35.9	45.7	55.9	64.2	72.0	76.2	75.9	69.4	57.4	48.6	38.5	56.1	
	S D	10.753	12.250	11.149	11.003	9.664	8.773	7.576	7.656	8.941	10.220	10.990	9.978	18.054	
	TOTAL OBS	7438	6766	7435	7200	7433	7198	7435	7436	7193	7439	7200	7433	87606	

USAF ETAC FORM 0-89-5 (OLA)
OCT 78

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

1-75 ANDREWS AFB MD

69-70, 73-81

STATION		STATION NAME												YEARS	
HRS TEST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
1-0	MEAN S D TOTAL OBS	27.7 1.195 93	29.0 1.075 846	37.5 9.223 930	45.1 8.138 900	54.7 7.730 930	62.6 6.461 900	66.6 5.024 930	67.1 5.072 927	61.4 7.396 894	49.4 9.311 930	41.4 9.885 900	33.0 9.350 930	48.0 16.148 10947	
3-0	MEAN S D TOTAL OBS	26.9 10.114 930	28.2 10.313 845	36.5 9.349 929	43.9 8.429 900	53.5 7.993 929	61.6 6.569 900	65.7 5.266 929	66.2 5.340 924	60.4 7.536 897	48.4 9.485 930	40.7 10.045 900	32.0 9.365 930	47.1 16.227 10943	
6-0	MEAN S D TOTAL OBS	26.9 1.298 930	27.9 1.606 843	36.7 9.523 930	45.2 8.481 900	55.5 7.827 930	63.7 5.924 900	67.4 4.974 930	67.4 5.244 921	61.1 7.296 897	48.7 9.402 930	40.5 10.100 900	31.5 9.256 929	47.8 16.853 10940	
11-1	MEAN S D TOTAL OBS	31.4 9.773 930	31.4 1.732 844	40.4 9.486 930	49.0 8.438 900	58.8 7.770 929	66.4 5.976 900	70.0 4.879 930	70.4 4.950 920	64.6 6.938 896	53.0 8.570 930	44.5 9.642 900	34.4 8.785 929	51.1 16.624 10938	
12-1	MEAN S D TOTAL OBS	31.4 9.574 929	34.4 10.615 845	43.1 9.385 930	51.1 8.334 900	60.5 7.605 930	67.8 6.033 900	71.1 4.956 930	71.5 4.972 923	66.0 6.858 899	54.9 8.380 929	46.8 9.755 900	36.9 8.738 928	53.1 16.065 10943	
5-17	MEAN S D TOTAL OBS	32.0 9.315 930	35.0 10.402 844	43.7 9.037 928	51.7 8.135 900	60.7 7.493 930	67.7 6.067 899	70.9 4.762 929	71.4 4.722 921	65.9 6.583 897	54.7 8.379 930	46.3 9.653 900	36.7 8.793 927	53.1 15.880 10939	
1-2	MEAN S D TOTAL OBS	29.8 9.392 929	32.3 10.172 845	41.2 8.922 928	49.2 8.146 900	59.0 7.488 928	66.2 6.110 899	69.6 4.692 927	69.9 4.756 926	63.8 6.809 899	51.8 8.657 930	43.5 9.576 900	34.5 8.829 928	51.0 16.199 10939	
1-23	MEAN S D TOTAL OBS	28.6 9.677 93	30.5 10.098 845	39.2 9.004 926	46.7 8.184 900	56.4 7.599 927	64.0 6.407 900	67.7 4.889 928	68.0 4.917 927	62.0 7.117 896	50.2 9.065 930	42.1 9.738 900	33.6 9.095 927	49.2 16.080 10936	
ALL HOURS	MEAN S D TOTAL OBS	29.1 9.984 7438	31.1 10.677 6757	39.8 9.599 7431	47.7 8.725 7200	57.4 8.099 7433	65.0 6.571 7198	68.6 5.291 7433	69.0 5.357 7389	63.2 7.365 7175	51.4 9.234 7439	43.2 10.065 7200	34.1 9.218 7428	50.0 16.413 87521	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

17705 ANDREWS AFB MD

69-70,73-81

STATION		STATION NAME												YEARS	
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
0-0	MEAN S D TOTAL OBS	20.5 12.894 930	20.9 12.838 846	30.4 11.861 930	38.1 10.661 900	50.9 9.641 930	60.3 7.305 900	64.0 6.086 930	64.9 6.162 927	58.9 8.490 894	45.5 11.104 930	36.0 11.917 900	26.2 11.811 930	43.2 18.950 10947	
3-0	MEAN S D TOTAL OBS	20.1 12.758 930	20.5 13.034 845	30.7 12.003 929	37.8 10.641 900	50.3 9.695 929	59.6 7.179 900	63.5 6.179 929	64.3 6.326 924	58.2 8.504 897	44.8 11.202 930	35.7 12.039 900	25.5 11.625 930	42.6 18.933 10943	
6-0	MEAN S D TOTAL OBS	19.8 12.804 930	20.3 13.419 843	30.4 12.318 930	38.6 10.951 900	51.6 9.921 930	60.8 7.029 900	64.5 6.246 930	65.0 6.311 921	58.6 8.339 897	44.9 11.215 930	35.7 12.113 900	25.2 11.567 929	43.7 19.340 10940	
-1	MEAN S D TOTAL OBS	21.0 13.650 930	21.7 14.046 844	31.6 12.673 930	39.0 11.683 900	52.2 10.706 929	61.0 7.900 900	64.8 6.849 930	65.7 6.465 920	59.6 8.848 896	46.1 11.654 930	37.3 12.473 900	26.3 11.705 929	43.9 19.344 10938	
12-11	MEAN S D TOTAL OBS	21.4 13.052 930	22.3 13.925 845	32.1 12.714 930	39.3 11.687 900	52.1 10.684 930	60.9 8.193 900	64.3 7.333 930	65.3 6.739 923	59.2 9.226 899	45.5 11.970 929	37.1 12.956 900	26.6 12.217 928	44.0 19.143 10943	
5-1	MEAN S D TOTAL OBS	21.7 12.932 930	22.3 13.757 844	31.9 12.445 928	39.0 11.668 900	52.2 10.935 930	60.8 8.394 899	64.1 7.304 929	65.2 6.561 921	59.0 9.085 897	45.1 11.943 930	36.5 13.001 900	26.6 12.412 927	43.8 19.126 10935	
-2	MEAN S D TOTAL OBS	21.5 12.607 929	21.9 13.344 845	31.6 12.186 928	38.5 11.517 900	52.5 10.374 928	61.1 8.172 899	64.7 6.734 927	65.8 6.226 926	59.5 8.480 899	45.8 11.205 930	36.5 12.258 900	26.6 11.898 928	43.9 19.170 10939	
1-23	MEAN S D TOTAL OBS	20.7 12.434 930	21.6 12.768 845	31.2 11.840 926	38.6 11.043 900	52.1 9.669 927	60.8 7.617 900	64.6 6.143 928	65.4 5.975 927	59.0 8.309 896	45.6 11.096 930	36.0 11.918 900	26.5 11.893 927	43.6 18.992 10936	
ALL HOURS	MEAN S D TOTAL OBS	20.9 12.831 7438	21.4 13.411 6757	31.2 12.276 7431	38.6 11.244 7200	51.7 10.262 7433	60.7 7.748 7198	64.3 6.636 7433	65.2 6.349 7389	59.0 8.671 7175	45.4 11.431 7439	36.3 12.348 7200	26.2 11.900 7428	43.5 19.130 87521	

USAF ETAC FORM 0-80.5 (OL A)
OCT 78

RELATIVE HUMIDITY

JAN

MONITOR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	1-0-02	100.0	100.0	99.9	96.6	83.0	58.9	39.7	24.3	7.4	66.7	930
	1-0-05	100.0	100.0	99.9	97.7	86.8	64.0	43.8	27.5	8.7	68.5	93
	1-5-06	100.0	100.0	100.0	98.7	86.9	66.5	45.8	27.4	9.7	69.1	930
	1-9-11	100.0	99.9	98.7	92.9	73.4	50.3	33.2	20.3	7.1	63.0	930
	1-1-14	100.0	99.6	97.3	80.6	54.3	35.7	22.8	14.7	5.2	56.6	929
	1-5-17	100.0	99.5	96.3	78.5	49.7	32.7	23.2	14.4	5.9	55.6	930
	1-1-2	100.0	100.0	99.7	94.0	69.3	46.6	30.2	17.5	6.6	61.8	929
	1-1-23	100.0	100.0	99.9	96.2	77.7	54.2	34.5	17.8	6.6	64.2	930
TOTALS		100.0	99.9	99.0	91.9	72.6	51.1	34.2	20.5	7.2	63.2	7438

0-87-5 (OL A)

RELATIVE HUMIDITY

FEB

MONTH

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	99.4	93.6	75.1	54.4	34.3	17.6	6.6	63.3	846
	03-05	100.0	100.0	99.9	95.9	80.1	57.4	36.7	20.6	6.9	65.2	845
	06-08	100.0	100.0	99.9	95.7	79.6	58.4	38.2	22.6	8.2	65.7	843
	09-11	100.0	100.0	97.3	84.0	55.8	36.6	26.4	15.9	5.9	57.7	844
	12-14	100.0	98.6	88.4	60.1	39.4	25.6	19.3	10.8	4.4	50.3	845
	15-17	100.0	98.1	82.9	53.3	33.5	25.6	19.8	11.1	2.8	48.4	844
	18-2	100.0	99.8	96.2	74.2	51.2	31.7	25.3	14.2	3.2	55.3	845
	01-23	100.0	100.0	98.9	88.5	67.6	45.8	27.3	15.4	4.7	60.5	845
TOTALS		100.0	99.6	95.4	80.7	60.3	41.9	28.4	15.8	5.3	58.3	6757

FORM
111.64

0-87-5 (OL A)

RELATIVE HUMIDITY

MAR
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	99.6	94.9	79.2	57.2	34.5	20.4	8.8	65.0	930
	03-05	100.0	100.0	99.8	96.1	84.9	64.2	41.7	24.7	10.3	67.9	929
	06-08	100.0	100.0	99.7	95.9	84.2	65.5	45.3	26.7	11.6	68.6	930
	09-11	100.0	100.0	97.2	82.2	57.6	38.7	27.2	17.7	7.4	58.6	931
	12-14	100.0	99.1	88.1	60.3	39.2	28.9	21.5	13.9	4.4	51.4	931
	15-17	100.0	98.7	81.1	54.8	35.6	27.6	19.3	11.4	4.1	49.1	928
	18-20	100.0	99.7	93.6	75.0	52.2	34.9	24.5	15.0	4.5	55.7	928
	21-23	100.0	100.0	98.5	89.8	69.7	47.0	29.4	18.6	7.0	61.7	926
TOTALS		100.0	99.7	94.7	81.1	62.8	45.5	30.4	18.6	7.3	59.8	7431

USAFETAC FORM 0-87-5 (OL A)
JUL 64

1

RELATIVE HUMIDITY

APR

MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	98.4	93.3	75.4	53.9	34.9	16.3	5.6	63.5	900
	03-05	100.0	100.0	99.6	97.8	83.1	64.4	41.7	20.4	7.1	67.1	900
	06-08	100.0	100.0	99.8	95.2	78.4	56.6	35.3	18.0	7.4	64.9	900
	09-11	100.0	99.6	93.0	67.6	42.7	27.8	18.3	11.4	4.0	52.0	900
	12-14	100.0	98.0	77.1	47.6	29.4	20.8	13.8	8.7	2.4	45.6	900
	15-17	100.0	96.9	69.1	44.7	27.2	18.1	11.4	7.1	2.0	43.4	900
	18-20	100.0	99.0	84.6	63.8	41.2	26.4	16.7	7.3	1.6	49.8	900
	21-23	100.0	100.0	96.4	85.7	65.3	41.6	25.2	12.8	3.4	58.6	900
TOTALS		100.0	99.2	89.9	74.5	55.3	38.7	24.7	12.8	4.2	55.6	7200

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13705
STATION

ANDREWS AFB MD
STATION NAME

70,73-81
PERIOD

MAY
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	99.8	98.4	94.6	83.0	66.9	43.8	16.0	76.0	930
	03-05	100.0	100.0	99.9	99.1	96.4	90.9	75.1	52.0	17.5	79.1	929
	06-08	100.0	100.0	100.0	98.8	92.5	79.9	63.1	40.1	12.2	74.6	930
	09-11	100.0	100.0	98.5	85.9	69.2	47.5	33.3	19.5	4.4	61.5	929
	12-14	100.0	100.0	91.4	71.5	50.2	33.4	22.6	11.8	2.4	54.0	930
	15-17	100.0	99.9	89.1	68.0	49.8	33.5	21.5	12.0	2.7	53.2	930
	18-20	100.0	100.0	96.7	86.6	69.8	53.1	36.4	19.8	4.2	62.4	928
	21-23	100.0	100.0	99.9	97.4	92.0	78.1	56.7	35.2	9.6	72.7	927
TOTALS		100.0	100.0	96.9	88.2	76.8	62.4	47.0	29.3	8.6	66.7	7433

RELATIVE HUMIDITY

JUN
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	99.4	96.2	84.9	61.3	14.9	81.5	900
	03-05	100.0	100.0	100.0	100.0	99.9	98.2	90.8	70.9	22.3	84.3	900
	06-08	100.0	100.0	100.0	99.9	97.9	90.6	74.9	50.6	11.3	78.3	900
	09-11	100.0	100.0	99.7	94.0	78.4	56.0	30.2	14.7	3.0	63.2	900
	12-14	100.0	100.0	97.7	84.0	56.8	30.6	15.1	7.7	2.0	55.1	900
	15-17	100.0	100.0	96.9	79.3	54.8	29.7	16.4	8.8	2.0	54.6	899
	18-20	100.0	100.0	99.3	93.5	78.9	59.4	36.3	19.2	4.8	64.8	899
	21-23	100.0	100.0	100.0	99.8	97.1	89.8	69.3	42.4	10.1	76.5	900
TOTALS		100.0	100.0	99.2	93.8	82.9	68.8	52.2	34.5	8.8	69.8	7196

USAFETAC FORM 0-87-5 (OL A)
JUL 64

RELATIVE HUMIDITY

JUL

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	98.1	94.0	78.5	53.1	18.1	79.7	930
	03-05	100.0	100.0	100.0	100.0	99.4	96.6	84.9	63.1	21.4	82.2	929
	06-08	100.0	100.0	100.0	100.0	97.7	89.5	70.6	45.8	13.8	77.3	930
	09-11	100.0	100.0	100.0	95.2	77.4	49.4	27.2	13.5	2.7	62.2	930
	12-14	100.0	100.0	98.4	82.9	51.0	29.4	15.8	5.6	1.9	54.0	930
	15-17	100.0	100.0	97.6	77.8	50.3	31.2	18.9	8.5	2.0	54.3	929
	18-20	100.0	100.0	99.6	93.7	78.9	57.9	38.4	20.7	5.4	65.0	927
	21-23	100.0	100.0	100.0	100.0	97.4	89.5	67.9	41.2	11.2	76.1	928
TOTALS		100.0	100.0	99.5	93.7	81.3	67.2	50.3	31.4	9.6	68.9	7433

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13705 ANDREWS AFB MD
STATION

STATION NAME

69-70,73-80

PERIOD

AUG

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	99.6	96.0	86.1	63.8	20.0	82.2	927
	03-05	100.0	100.0	100.0	100.0	99.6	97.0	88.7	69.3	27.8	84.1	924
	06-08	100.0	100.0	100.0	100.0	99.0	93.7	78.8	55.8	21.5	80.5	921
	09-11	100.0	100.0	100.0	98.3	84.5	56.2	32.8	16.2	2.2	64.6	920
	12-14	100.0	100.0	100.0	89.7	58.0	30.9	14.8	6.6	1.0	55.7	923
	15-17	100.0	100.0	99.9	88.4	57.5	33.1	17.0	9.1	2.2	56.3	921
	18-20	100.0	100.0	99.9	98.1	88.3	70.1	47.7	25.2	5.0	68.9	926
	21-23	100.0	100.0	100.0	100.0	99.1	93.4	77.9	49.5	11.7	78.9	927
TOTALS		100.0	100.0	100.0	96.8	85.7	71.3	55.5	36.9	11.4	71.4	7389

RELATIVE HUMIDITY

SEP
MONTH

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	99.3	94.3	83.9	59.1	14.7	81.2	894
	03-05	100.0	100.0	100.0	100.0	99.8	97.5	87.2	66.1	19.6	83.3	697
	06-08	100.0	100.0	100.0	100.0	99.6	95.5	83.8	56.6	17.5	81.3	897
	09-11	100.0	100.0	100.0	97.3	84.5	60.5	35.9	17.3	3.7	65.6	696
	12-14	100.0	100.0	98.1	86.2	61.8	34.7	16.5	8.5	2.4	56.3	899
	15-17	100.0	100.0	97.7	83.3	59.9	36.6	18.3	9.9	3.6	56.7	897
	18-20	100.0	100.0	99.9	97.2	88.4	73.5	50.3	26.5	6.9	74.0	899
	21-23	100.0	100.0	100.0	99.9	97.5	86.7	73.5	46.8	10.0	77.5	896
TOTALS		100.0	100.0	99.5	95.5	86.3	72.7	56.1	36.4	9.8	71.5	717

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AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
ANDREWS AFB. WASHINGTON DC REVISED UNIFORM SUMMARY OF SURFACE W--ETC(U)
OCT 81

UNCLASSIFIED

USAFETAC/DS-81/093

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13705 ANDREWS AFB MD
STATION STATION NAME

69-70,73-80
PERIOD

OCT
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	99.4	95.9	85.4	69.7	39.9	12.9	75.9	930
	03-05	100.0	100.0	100.0	100.0	96.7	88.2	74.0	44.7	15.8	77.7	930
	06-08	100.0	100.0	100.0	99.6	96.7	86.0	70.4	43.3	14.3	76.8	930
	09-11	100.0	100.0	99.0	90.5	70.9	48.0	31.5	17.8	4.5	61.9	930
	12-14	100.0	99.8	93.9	68.4	43.1	26.7	16.6	10.2	2.2	51.8	929
	15-17	100.0	99.7	92.8	68.2	44.2	26.2	14.8	8.4	2.0	51.4	930
	18-20	100.0	100.0	99.6	95.8	82.6	63.9	41.3	17.0	4.5	66.1	930
	21-23	100.0	100.0	99.8	98.7	92.6	79.2	60.9	30.5	8.4	72.6	930
TOTALS		100.0	99.9	98.1	90.1	77.8	63.0	47.4	26.5	8.1	66.8	7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13705
STATION

ANDREWS AFB MD
STATION NAME

69-70,73-80
PERIOD

NOV
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	99.9	98.8	90.1	72.8	50.6	31.7	7.1	70.8	900
	03-05	100.0	100.0	100.0	99.4	94.0	77.9	58.6	35.7	9.9	73.0	900
	06-08	100.0	100.0	99.9	99.3	93.8	79.7	59.8	36.7	11.6	73.7	900
	09-11	100.0	100.0	99.7	93.8	69.4	47.7	34.1	20.9	6.7	62.7	900
	12-14	100.0	99.8	97.0	70.0	43.1	30.4	20.7	12.6	2.7	53.4	900
	15-17	100.0	100.0	95.1	71.4	45.1	31.6	21.8	13.2	2.9	53.7	900
	18-20	100.0	100.0	99.6	94.9	75.0	52.0	34.8	19.9	5.4	63.9	900
	21-23	100.0	100.0	99.8	98.2	85.7	62.8	42.6	23.9	6.8	67.6	900
TOTALS		100.0	100.0	98.9	90.7	74.5	56.9	40.4	24.3	6.6	64.9	7200

1
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13705
STATION

ANDREWS AFB MD

STATION NAME

69-70,73-80

PERIOD

DEC

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	98.1	84.6	60.0	41.0	23.9	6.8	67.1	930
	03-05	100.0	100.0	99.9	98.9	86.7	66.2	44.4	25.1	7.3	68.4	930
	06-08	100.0	100.0	100.0	99.1	89.1	68.1	47.7	25.7	6.7	69.3	929
	09-11	100.0	100.0	98.6	92.8	70.8	48.1	31.4	17.8	4.7	62.1	929
	12-14	100.0	99.9	94.0	77.4	45.4	30.7	21.2	14.3	3.9	54.4	928
	15-17	100.0	99.8	95.4	75.5	48.9	33.3	23.3	15.3	3.3	55.0	927
	18-20	100.0	100.0	99.1	92.9	73.4	50.9	33.6	19.2	4.5	62.9	928
	21-23	100.0	100.0	99.7	96.9	81.8	58.5	38.8	22.1	7.2	66.2	927
TOTALS		100.0	100.0	98.3	91.5	72.6	52.0	35.2	20.4	5.6	63.2	7428

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13705
STATION

ANDREWS AFB MD

STATION NAME

69-70,73-81

PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.9	99.0	91.9	72.6	51.1	34.2	20.5	7.2	63.2	7438
FEB		100.0	99.6	95.4	80.7	60.3	41.9	28.4	15.8	5.3	58.3	6757
MAR		100.0	99.7	94.7	81.1	62.8	45.5	30.4	18.6	7.3	59.8	7431
APR		100.0	99.2	89.9	74.5	55.3	38.7	24.7	12.8	4.2	55.6	7200
MAY		100.0	100.0	96.9	88.2	76.8	62.4	47.0	29.3	8.6	66.7	7433
JUN		100.0	100.0	99.2	93.8	82.9	68.8	52.2	34.5	8.8	69.8	7198
JUL		100.0	100.0	99.5	93.7	81.3	67.2	50.3	31.4	9.6	68.9	7433
AUG		100.0	100.0	100.0	96.8	85.7	71.3	55.5	36.9	11.4	71.4	7389
SEP		100.0	100.0	99.5	95.5	86.3	72.7	56.2	36.4	9.8	71.5	7175
OCT		100.0	99.9	98.1	90.1	77.8	63.0	47.4	26.5	8.1	66.8	7439
NOV		100.0	100.0	98.9	90.7	74.5	56.9	40.4	24.3	6.6	64.9	7200
DEC		100.0	100.0	98.3	91.5	72.6	52.0	35.2	20.4	5.6	63.2	7428
TOTALS		100.0	99.9	97.5	89.0	74.1	57.6	41.8	25.6	7.7	65.0	87521

USAFETAC

FORM
AIR 64

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

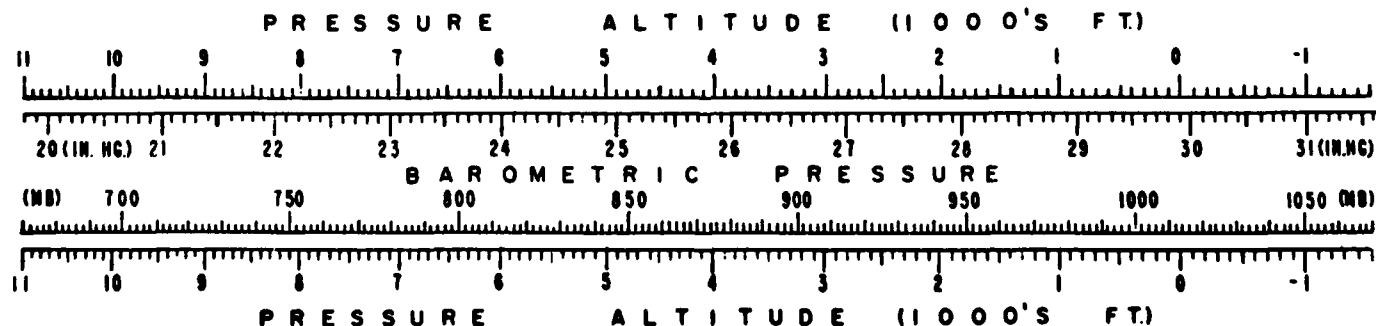
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AID WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

137 5 ANDREWS AFB MD

69-70,73-81

STATION		STATION NAME												YEARS	
HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
G1	MEAN	29.749	29.764	29.716	29.698	29.673	29.699	29.701	29.741	29.765	29.791	29.779	29.752	29.735	
	S.D.	.264	.265	.241	.216	.165	.156	.126	.110	.144	.199	.219	.268	.208	
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652	
4	MEAN	29.752	29.760	29.704	29.693	29.671	29.692	29.695	29.736	29.758	29.787	29.775	29.755	29.731	
	S.D.	.267	.265	.243	.223	.169	.159	.129	.112	.147	.203	.223	.270	.210	
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652	
7	MEAN	29.768	29.780	29.735	29.726	29.703	29.720	29.724	29.764	29.786	29.811	29.795	29.773	29.757	
	S.D.	.268	.266	.250	.235	.172	.160	.130	.114	.151	.210	.225	.272	.213	
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652	
10	MEAN	29.798	29.801	29.745	29.728	29.708	29.725	29.731	29.776	29.800	29.826	29.815	29.801	29.771	
	S.D.	.273	.272	.266	.241	.173	.161	.131	.116	.151	.217	.228	.274	.219	
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652	
13	MEAN	29.739	29.756	29.700	29.689	29.679	29.702	29.707	29.751	29.766	29.782	29.762	29.742	29.731	
	S.D.	.273	.270	.269	.235	.172	.160	.131	.114	.150	.213	.226	.268	.216	
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652	
16	MEAN	29.726	29.727	29.664	29.653	29.645	29.673	29.677	29.719	29.732	29.760	29.747	29.733	29.705	
	S.D.	.266	.266	.257	.225	.167	.158	.131	.112	.148	.207	.221	.260	.211	
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652	
19	MEAN	29.755	29.753	29.689	29.669	29.652	29.677	29.683	29.724	29.744	29.785	29.773	29.756	29.721	
	S.D.	.261	.263	.246	.213	.162	.154	.125	.108	.143	.202	.214	.259	.207	
	TOTAL OBS	310	282	310	300	309	300	310	310	300	310	300	309	3650	
22	MEAN	29.764	29.768	29.715	29.701	29.678	29.704	29.707	29.750	29.768	29.802	29.783	29.760	29.742	
	S.D.	.262	.262	.239	.212	.161	.153	.124	.107	.142	.201	.215	.265	.206	
	TOTAL OBS	310	282	310	300	309	300	308	310	300	310	300	309	3648	
ALL HOURS	MEAN	29.756	29.763	29.709	29.695	29.676	29.699	29.703	29.745	29.765	29.793	29.779	29.759	29.737	
	S.D.	.267	.266	.252	.226	.169	.159	.129	.113	.146	.207	.222	.267	.212	
	TOTAL OBS	2480	2256	2480	2400	2478	2400	2478	2480	2400	2480	2400	2478	29210	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

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ANDREWS AFB MD

69-70,73-81

STATION		STATION NAME												YEARS	
HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
01	MEAN	1018.1	1018.6	1016.8	1016.1	1015.1	1015.9	1015.9	1017.3	1018.1	1019.2	1018.9	1018.1	1017.3	
	S.D.	9.160	9.155	8.301	7.348	5.629	5.342	4.321	3.768	4.947	6.909	7.511	9.205	7.154	
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652	
04	MEAN	1018.2	1018.4	1016.4	1015.9	1015.0	1015.7	1015.7	1017.1	1017.9	1019.1	1018.8	1018.2	1017.2	
	S.D.	9.224	9.146	8.360	7.632	5.766	5.427	4.400	3.858	5.048	7.028	7.632	9.258	7.250	
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652	
07	MEAN	1018.8	1019.1	1017.4	1017.8	1016.1	1016.6	1016.7	1018.1	1018.9	1019.9	1019.5	1018.9	1018.1	
	S.D.	9.276	9.178	8.578	8.045	5.868	5.482	4.449	3.922	5.192	7.248	7.735	9.367	7.356	
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652	
10	MEAN	1019.8	1019.8	1017.8	1017.1	1016.3	1016.8	1016.9	1018.5	1019.4	1020.4	1020.2	1019.8	1018.6	
	S.D.	9.434	9.362	9.134	8.231	5.897	5.510	4.469	3.981	5.217	7.510	7.839	9.407	7.548	
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652	
13	MEAN	1017.8	1018.3	1016.2	1015.7	1015.2	1016.0	1016.1	1017.6	1018.2	1018.9	1018.4	1017.8	1017.2	
	S.D.	9.324	9.312	9.219	8.046	5.895	5.471	4.460	3.890	5.166	7.361	7.761	9.237	7.429	
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652	
16	MEAN	1017.3	1017.3	1015.0	1014.5	1014.1	1015.0	1015.1	1016.5	1017.0	1018.1	1017.8	1017.5	1016.3	
	S.D.	9.195	9.163	8.816	7.725	5.738	5.403	4.472	3.827	5.082	7.173	7.580	8.939	7.282	
	TOTAL OBS	310	282	310	300	310	299	310	310	300	310	300	310	3651	
19	MEAN	1018.3	1018.2	1015.8	1015.8	1014.4	1015.1	1015.3	1016.7	1017.4	1019.0	1018.7	1018.3	1016.8	
	S.D.	9.075	9.060	8.458	7.319	5.503	5.247	4.266	3.697	4.891	7.002	7.352	8.943	7.146	
	TOTAL OBS	310	282	310	300	309	300	310	310	300	310	300	309	3650	
22	MEAN	1018.6	1018.7	1016.7	1016.1	1015.3	1016.1	1016.1	1017.6	1018.2	1019.6	1019.1	1018.4	1017.9	
	S.D.	9.073	9.046	8.206	7.282	5.500	5.240	4.257	3.656	4.857	6.957	7.394	9.138	7.088	
	TOTAL OBS	310	282	310	300	309	300	309	310	300	310	300	309	3649	
ALL HOURS	MEAN	1018.3	1018.5	1016.5	1015.9	1015.2	1015.9	1016.0	1017.4	1018.1	1019.3	1018.9	1018.4	1017.4	
	S.D.	9.234	9.191	8.667	7.745	5.762	5.416	4.421	3.872	5.093	7.171	7.620	9.199	7.312	
	TOTAL OBS	2480	2256	2480	2400	2478	2399	2479	2480	2400	2480	2500	2478	29210	

